

|                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| <div>FICHE TECHNIQUE DU PRODUIT</div> <div>CARACTÉRISTIQUES TECHNIQUES</div>                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <div>Gamme de produits</div> <div>Marque</div> <div>Nom commercial</div>                                                                                   | <div>Pâtes</div> <div>je pèse 3 kg</div> <div>Pâtes à la semoule de blé dur</div> <div>pâtes à la semoule</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                    |
| <div>Ingrédients (Ingrédients)</div>                                                                                                                       | <div>Informations nutritionnelles</div> <div><div><div>DICHIARAZIONE NUTRIZIONALE</div><div>VALORI MEDI PER 100g - VALEURS NUTRITIONNELLES MOYENNES POUR 100g - TYPICAL NUTRITION VALUES FOR 100g - DURCHSCHNITTICHE NÄHRWERTE PRO 100g - VALORES NUTRICIONAIS MEDIOS POR 100g - VALORES NUTRITIVOS MEDIOS POR 100g - PROSEČNA HRANLJIVA VREDNOST NA 100 g - PROSJEČNA HRANJIVA VRIJEDNOST NA 100g - PRŮMĚRNÉ VÝŽIVOVÉ HODNOTY NA 100g - ПИЩЕВАЯ ЦЕННОСТЬ НА 100 гр. ПРОДУКТА - 100 г. УШІН ОРТАЦІА КННДІЛЬНІСТЬ - ХАРЧОВА ЦІННІСТЬ У 100 г. - NUTRITIVNE VRIJEDNOSTI U 100g PROIZVODA -</div><div><div>ENERGIA - ENERGIE - ENERGY - ENERGIE - ENERGIA - ENERGIA - ENERGIA - ENERGETICKÁ HODNOTA - ЭНЕРГЕТИЧЕСКАЯ ЦЕННОСТЬ (Kcal/Kcal) - ЭНЕРГЕТИКАЛЫҚ ҚҰНДЫЛЫҒЫ (Kcal/Kcal) - ЕНЕРГЕТИЧНА ЦІННІСТЬ - الطاقة</div><div><div>GRASSI - MATIÈRES GRASSES - FAT - FETT - LÍPIDOS - GRASAS - MASTI - ТУКЫ - ЖИРЫ Г. - МАЖІТАР Г. - ЖИРИ - MASTI - دهون</div><div>DI CUI ACIDI GRASSI SATURI - DONT ACIDES GRAS SATURÉS - OF WHICH FATTY SATURATED ACIDS - DAVON GESÄTTIGTE FETTSÄUREN - DOS QUAIS ACIDOS GRAXOS SATURADOS - DE LOS CUALES ACIDOS GRASOS SATURADOS - OD KOJIH ZASICENE MASNE KISELINE - Z TOHO NASYČENÉ MASTNE KYSELINY - ИЗ НИХ ЖИРНЫЕ НАСЫЩЕННЫЕ КИСЛОТЫ Г. - ОНЫҢ ІШІНДЕ ҚАНЫҚТЫРЫЛҒАН МАЙ ҚЫШҚЫЛДАРЫ Г. - У НАСИЧЕНІЙ ЖИРНОІ КИСЛОТА - OD TOGA ZASICENE MASNE KISELINE - منھما اشباعتھ ذھنیۃ شحمیۃ</div><div>CARBOIDRATI - GLUCIDES - CARBOHYDRATE - KOHLENHYDRATE - GLUCIDOS - CARBOHIDRATOS - UGLJIKOHIDRATI - SACHARIDY - УГЛЕВОДЫ Г. - КӨМІРСУТАР Г. - ВУГЛЕВОДИ - UGLJENIHIDRATI - كربوهیدرات</div><div>DI CUI ZUCCHERI - DONT SUCRES - OF WHICH SUGARS - DAVON ZUCKER - DOS QUAIS AÇÚCARES - DE LOS CUALES AZÚCARES - OD KOJIH ŠEĆERI - Z TOHO CUKRY - ИЗ НИХ САХАР Г. - ОНЫҢ ІШІНДЕ ҚАНТ Г. - У ЦУКРІ - OD ŠEĆA ŠEĆERI - منھما سكریات</div><div>FIBRE - FIBRES ALIMENTAIRES - FIBRE - BALLASTSTOFFE - FIBRA ALIMENTAR - FIBRAS ALIMENTARES - VLAKNA - VLAKNINA - ПИЩЕВЫЕ ВОЛОКНА Г. - ӘСІМДІК ТАЛШЫҚТАРЫ Г. - ХАРЧОВИ ВОЛОКНА - VLAKNA - ألياف</div><div>PROTEINE - PROTEINES - PROTEIN - EIWESS - PROTEINAS - PROTEINAS - BJELANCEVINE - BILKOVINY - БЕЛКИ Г. - АҚУЫЗДАР Г. - БІЛКІ - PROTEINI - پروتئين</div><div>SALE - SEL - SALT - SALZ - SAL - SAL - SOL - SUL - СОЛЬ Г. - ТҰЗ Г. - СІЛБ - SO - ملح</div></div><div><div>1524kJ</div><div>359kcal</div><div>1,5 g</div><div>0,5 g</div><div>71 g</div><div>3,0 g</div><div>3,0 g</div><div>14 g</div><div>0 g</div></div><div><div>جرام</div><div>جرام</div><div>جرام</div><div>جرام</div><div>جرام</div><div>جرام</div><div>جرام</div><div>جرام</div><div>جرام</div></div></div></div></div> |                                                                                    |
| <div>Vita residua (Durée de vie minimale garantie)</div> <div>365 jours/jours</div>                                                                        | <div>Durée de conservation</div> <div>3 ans</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                    |
| <div>Allergènes (Allergènes)</div> <div>Gluten, il peut contenir des traces de moutarde</div>                                                              | <div>Conditions de stockage</div> <div>Conserver dans un environnement sec et frais, exempt de sources de parasites/Conserver dans un endroit frais et sec. Tenir à l'écart des composés infestants</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                    |
| <div>Type de colis (informations sur l'emballage)</div> <div>forme d'oreiller en film couplé de polypropylène et de polyéthylène, impression interne</div> | <div>Type d'emballage secondaire</div> <div>Boîte américaine en carton recyclé /Boîte américaine fabriqué à partir de carton recyclé</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                    |
| <div>Conditionnements disponibles</div>                                                                                                                    | <div>4 x 3 kg</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                    |

## Organigramme de production

**Manufacturing Process Flow Diagram: Durum Wheat semolina Pasta , Pasta with other ingredients**  
**Diagramma di flusso del processo di produzione: Pasta di semola di grano duro, Paste speciali con altri ingredienti**

| Process Flow/Flusso di processo                                                                                      | Production Controls/Controlli produttivi                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Quality Controls/Controlli di qualità                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| 1. receiving raw materials /ricevimento materie prime (OPRP 1 = receiving raw materials / ricevimento materie prime) | 1. humidity/ umidità<br>2. gluten content /contenuto in glutine                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1. visual inspection of tanker/ ispezione visiva della cisterna<br>2. absence of pest/ assenza di parassiti<br>3. cleanliness/ pulizia |
| 2. semolina sieves / setacciatura della semola<br><br>(OPRP 2= sieving semolina/ setacciatura semola)                | 1. control of nets / controllo dei filtri (mesh size on the sieve : the first has a mesh of 660 microns ; the other seven a mesh of 610 microns)/ (dimensione delle maglie sul setaccio: la prima ha una maglia di 660 micron; gli altri sette una maglia di 610 micron).                                                                                                                                                                                                                           |                                                                                                                                        |
| 3. mixing semolina and water and other ingredients/ miscelazione semola, acqua e altri ingredienti                   | Standard for Drinkable Water set by Council Directive 98/83/EC of 03.11.1998 on the quality of water intended for human consumption (implemented in Italy by D. Lgs. n. 31 of 02.02.2001) / Standard per Acqua Potabile stabilita dalla Direttiva 98/83/EC del Consiglio del 03.11.1998 concernente la qualità delle acque destinate al consumo umano (recepita in Italia dal D. Lgs. N. 31 del 02.02.2001)                                                                                         |                                                                                                                                        |
| 4. extrusion/ estrusione                                                                                             | 1. pressure/pressione<br>2. control of cutting pasta/controllo del taglio della pasta                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                        |
| 5. drying process/ essiccazione                                                                                      | 1. temperature/temperatura<br>2. relative humidity/umidità relativa<br>3. humidity of product at the end of process/umidità del prodotto a fine processo                                                                                                                                                                                                                                                                                                                                            | 1. cut/taglio<br>2. visual inspection of product/ ispezione visiva del prodotto                                                        |
| 6. weighing and packing/pesatura e imballaggio                                                                       | 1. weighing control/controllo peso<br>2. control of printing 'best before' date and lot code/controllo della stampa del TMC, data e lotto                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                        |
| 7. metal checking/ rilevamento metalli<br><br>(CCP = metal detection) / (CCP = presenza metalli)                     | 1. sensitivity and memory test of the search-head (metal detector for both ferrous metals and non ferrous metals)/ sensibilità e prova di memoria del metal<br><br>Ferrous : from 1.2 mm to 2.2 mm ;/Ferroso: da 1.2 mm a 2.2 mm ; Non Ferrous : from 1.2 mm to 2.2 mm ; Stainless Steel : from 1.2 mm to 2.2 mm (depending on the dimensions of the searching head)<br>Non ferroso: da 1.2 mm a 2.2 mm; acciaio inossidabile: da 1.2 mm a 2.2 mm (a seconda delle dimensioni del testa di ricerca) | 1. metal fragments found are collected and registered /I frammenti metallici trovati vengono raccolti e registrati                     |
| 8. packages in carton-boxes/ confezionamento in cartoni                                                              | 1. weighing control/controllo peso<br>2. carton-box closing/chiusura cartoni                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                        |
| 9. storage for end using/ stoccaggio prodotti finiti                                                                 | 1. FIFO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                        |

## Caractéristiques chimiques\Caractéristiques chimiques

|                                                            |                                                                                                                                                  |
|------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Humidité (%)                                               | max 12,50                                                                                                                                        |
| Protéine/protéine- N x 5,70 (% ss / % dm)                  | minimum 12,50                                                                                                                                    |
| Ceneri/Cendres (% ss)                                      | max 0,90                                                                                                                                         |
| Acidité/Acidité (grades)                                   | max 4                                                                                                                                            |
| Test de saleté (fragments d'insectes/fragments de insecte) | 50/50g                                                                                                                                           |
| Test de saleté (poils de rongeurs)                         | présent/absent                                                                                                                                   |
| Métaux lourds / Métaux lourds - Pb                         | maximum 0,2 ppm                                                                                                                                  |
| Métaux lourds / Heavy metal - Cd                           | maximum 0,18 ppm                                                                                                                                 |
| Aflatossine B1/Aflatoxine B1                               | maximum 2 ppb                                                                                                                                    |
| Aflatoxines totales/Aflatoxines totales                    | maximum 4 ppb                                                                                                                                    |
| Ocratossina / Ocratoxin                                    | maximum 3 ppb                                                                                                                                    |
| DON /Déoxinivalénol                                        | maximum 600 ppb                                                                                                                                  |
| Zéaralénone/ Zéaralénone                                   | maximum 75 ppb                                                                                                                                   |
| Somme T2 + HT2                                             | Max 20 ppb                                                                                                                                       |
| Pesticides / Pesticides                                    | Limites selon le règlement CEE 396/2005 et modifications ultérieures/<br>MLR fixé par le règlement (CE) 396/2005 avec modifications et<br>ajouts |

## Caractéristiques microbiologiques\Caractéristiques microbiologiques

|                                                             |                                                        |
|-------------------------------------------------------------|--------------------------------------------------------|
| CBT (mésophile à 32°C)/Numération totale sur plaque (32°C). | < 10 000 UFC/g pour 3 uc ; < 1 000 000 UFC/g pour 2 uc |
| Levures et moisissures/Levures et moisissures               | <1000 UFC/g                                            |
| Coliformes totaux                                           | <100 UFC/g                                             |
| Escherichia coli                                            | <10 UFC/g                                              |
| Staphylocoque doré                                          | <100 UFC/g sur 3u.c; <1000 UFC/g sur 2 uc              |
| Bacillus cereus (présumé)                                   | <100 UFC/g                                             |

RÉV. n° 29

Données 01/08/2024 13:11:57

Pastificio Attilio Mastromauro Granoro Srl

# Specifiche tecniche articolo - Item technical specifications

|                                      |  |                                                               |  |                                                                                     |
|--------------------------------------|--|---------------------------------------------------------------|--|-------------------------------------------------------------------------------------|
| <b>N° Rev. (Review number)</b><br>29 |  | <b>Data Revisione (Review date):</b><br>giovedì 1 agosto 2024 |  |  |
|                                      |  | <b>Marchio (Brand)</b><br>Granoro kg 3                        |  |                                                                                     |

| <b>N°articolo<br/>(article number)</b> | <b>Nome articolo (item name)</b> | <b>Cod.EAN (EAN Code)</b> | <b>Cod.ITF (ITF Code)</b> | <b>Tempi cottura<br/>(cooking time)</b> |
|----------------------------------------|----------------------------------|---------------------------|---------------------------|-----------------------------------------|
| 26                                     | Penne Rigate piccole             | 8007290150264             | 18007290110265            | 7                                       |

|                                                                               |                                                                             |
|-------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| <b>DETTAGLIO TRAFILA (draw plate details)</b>                                 |                                                                             |
| <b>Tipologia pasta (pasta type)</b><br>pasta corta                            | <b>Diametro esterno filo (external thread diameter)</b><br>7,65 +/- 0,50 mm |
| <b>Spessore liscio (smooth shapes thickness)</b><br>1,05 + 0,15 mm - 0,05 mm  | <b>Lunghezza (lenght)</b><br>43,00 +/- 5 mm                                 |
| <b>Spessore rigato (striped shapes thickness)</b><br>1,25 + 0,15 mm - 0,05 mm | <b>Larghezza (width)</b>                                                    |

|                                                             |                                                                                          |
|-------------------------------------------------------------|------------------------------------------------------------------------------------------|
| <b>IMBALLO PRIMARIO (main packaging)</b>                    |                                                                                          |
| <b>Fascia di taglio (cellophane film width)</b><br>825      | <b>Materiale imballo (packaging material)</b><br>film polipropilene/ PP + Polietilene/PE |
| <b>Passo di taglio (cellophane film height)</b><br>Continuo | <b>Materiale interno (internal material)</b><br>film poletilene/PE                       |
| <b>Peso specifico (specific weight)</b><br>90 gr/m2         | <b>Materiale esterno (external material)</b><br>film polipropilene/ PP                   |
| <b>Dimensione pacco (pack dimension)</b>                    |                                                                                          |

|                                                 |                                     |
|-------------------------------------------------|-------------------------------------|
| <b>IMBALLO SECONDARIO (secondary packaging)</b> |                                     |
| <b>Codice cartone (box code)</b><br>14CTS       | <b>Lunghezza (lenght)</b><br>380 mm |
| <b>Pacchi per cartone (pieces per box)</b><br>4 | <b>Larghezza (width)</b><br>330 mm  |
| <b>Peso lordo (gross weight)</b><br>12,48 Kg    | <b>Altezza (height)</b><br>260 mm   |
| <b>Volume (volume)</b><br>0,0326 m3             |                                     |

**PALLETIZZAZIONE STANDARD**  
(standard palletization)

**Cartoni per pedana (boxes per pallet)**

36

**Numero strati (number of layers )**

6

**Cartoni per strato (boxes per layer)**

6

**Altezza pedana (pallet height)**

1710 mm

**PALLETIZZAZIONE GDO**  
(retail palletization)

**Cartoni per pedana (boxes per pallet)**

24

**Numero strati (number of layers)**

4

**Cartoni per strato (boxes per layer)**

6

**Altezza pedana (pallet height)**

1270 mm

**Foto Trafila (draw plate picture)**



**Immagine Pacco (picture of the pack)**



Specifiche tecniche articolo - Item technical specifications

|                                      |  |                                                               |  |                                                                                     |
|--------------------------------------|--|---------------------------------------------------------------|--|-------------------------------------------------------------------------------------|
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|                                                                               |                                                                             |
|-------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
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|                                                             |                                                                                          |
|-------------------------------------------------------------|------------------------------------------------------------------------------------------|
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| <b>Peso specifico (specific weight)</b><br>90 gr/m2         | <b>Materiale esterno (external material)</b><br>film polipropilene/ PP                   |
| <b>Dimensione pacco (pack dimension)</b>                    |                                                                                          |

|                                                 |                                     |
|-------------------------------------------------|-------------------------------------|
| <b>IMBALLO SECONDARIO (secondary packaging)</b> |                                     |
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| <b>Peso lordo (gross weight)</b><br>12,48 Kg    | <b>Altezza (height)</b><br>260 mm   |
| <b>Volume (volume)</b><br>0,0326 m3             |                                     |

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*(standard palletization)*

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1710 mm

**PALLETTIZZAZIONE GDO**  
*(retail palletization)*

**Cartoni per pedana (boxes per pallet)**

24

**Numero strati (number of layers)**

4

**Cartoni per strato (boxes per layer)**

6

**Altezza pedana (pallet height)**

1270 mm

**Foto Trafila (draw plate picture)**



**Immagine Pacco (picture of the pack)**

