

# MOSTEN GB 107

Polypropylene Homopolymer

UNIPETROL RPA

## Message:

Polypropylene Mosten GB 107 is a general purpose homopolymer with narrow molecular weight distribution, intended namely for compounding, it can be also used for injection moulding.

| General Information                               |                         |                   |             |
|---|-------------------------|-------------------|-------------|
| Features  | Food Contact Acceptable |                   |             |
|   | General Purpose         |                   |             |
|   | Homopolymer             |                   |             |
|   | Medium Molecular Weight |                   |             |
| Uses  | Compounding             |                   |             |
| Agency Ratings                                    | EC 1935/2004            |                   |             |
|   | EU No 10/2011           |                   |             |
| Forms   | Pellets                 |                   |             |
| Processing Method                                 | Compounding             |                   |             |
|   | Injection Molding       |                   |             |
| Physical  | Nominal Value           | Unit              | Test Method |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)         | 7.0                     | g/10 min          | ISO 1133    |
| Mechanical  | Nominal Value           | Unit              | Test Method |
| Tensile Stress (Yield)                            | 35.0                    | MPa               | ISO 527-2   |
| Tensile Strain (Break)                            | > 100                   | %                 | ISO 527-2   |
| Flexural Modulus                                  | 1600                    | MPa               | ISO 178     |
| Impact  | Nominal Value           | Unit              | Test Method |
| Charpy Notched Impact Strength (23°C)             | 4.0                     | kJ/m <sup>2</sup> | ISO 179     |
| Thermal   | Nominal Value           | Unit              | Test Method |
| Heat Deflection Temperature (1.8 MPa, Unannealed) | 55.0                    | °C                | ISO 75-2/A  |
| Vicat Softening Temperature                       | 154                     | °C                | ISO 306     |

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