

MOSTEN GB 218

Polypropylene Homopolymer
UNIPETROL RPA

Technical Data

Product Description

Polypropylene Mosten GB 218 is a general purpose homopolymer with narrow molecular weight distribution, intended for injection molding and fibre applications. It can be also used for the production of various compounds.

General

Material Status	• Commercial: Active	
Literature ¹	• Technical Datasheet (English)	
Search for UL Yellow Card	• UNIPETROL RPA	
Availability	• Europe	
Features	• Food Contact Acceptable • General Purpose	• Homopolymer • Narrow Molecular Weight Distribution
Uses	• Compounding	• Fibers
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)	18 g/10 min	ISO 1133

Mechanical	Nominal Value Unit	Test Method
Tensile Stress (Yield)	33.0 MPa	ISO 527-2
Tensile Strain (Break)	> 150 %	ISO 527-2
Flexural Modulus	1450 MPa	ISO 178

Impact	Nominal Value Unit	Test Method
Charpy Notched Impact Strength (23°C)	3.0 kJ/m ²	ISO 179

Thermal	Nominal Value Unit	Test Method
Heat Deflection Temperature 1.8 MPa, Unannealed	53.0 °C	ISO 75-2/A
Vicat Softening Temperature	153 °C	ISO 306

Notes

¹ These links provide you with access to supplier literature. We work hard to keep them up to date; however you may find the most current literature from the supplier.

² Typical properties: these are not to be construed as specifications.

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Where to Buy

Supplier

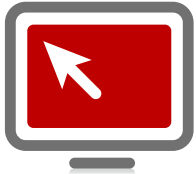
UNIPETROL RPA
Litvínov, Czech Republic
Telephone: 420-476-161-111
Web: <http://www.unipetrolrpa.cz/>

Distributor

Please contact the supplier to find a distributor for MOSTEN GB 218



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