

MOSTEN GB 218

Polypropylene Homopolymer
UNIPETROL RPA

Message:

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 Information	
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/m²	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

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