

MOSTEN GB 002

Polypropylene Homopolymer
UNIPETROL RPA

Message:

Polypropylene Mosten GB 002 is general purpose homopolymer with basic additiviation, intended for production of monoaxially orientated tapes, twines and ropes, as well as for injection moulding. It is also suitable for production of binding tapes. Typical application are woven textile fabrics for production of high tenacity big-bags and high tenacity ropes.

General Information			
Additive	Unspecified Additive		
Features	Food Contact Acceptable		
	General Purpose		
	Homopolymer		
Uses	Bags		
	Fabrics		
	Rope		
	Tape		
	Textile Applications		
	Twine		
Agency Ratings	EC 1935/2004		
	EU No 10/2011		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.0	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	1700	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	6.0	kJ/m²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	58.0	°C	ISO 75-2/A
Vicat Softening Temperature	156	°C	ISO 306

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