

MOSTEN GB 506

Polypropylene Impact Copolymer

UNIPETROL RPA

Message:

Polypropylene Mosten GB 506 is a general purpose block copolymer, intended especially for injection moulding of parts requiring high impact strength. It is also suitable for co-extrusion of thermoforming films for various foodstuff packaging, as well as for compounding of products, especially for automotive industry.

General Information	
Features	Block Copolymer
	Crystal
	Food Contact Acceptable
	General Purpose
	High Impact Resistance
Uses	Automotive Applications
	Compounding
	Film
	Food Packaging
Agency Ratings	EC 1935/2004
	EU No 10/2011
Forms	Pellets
Processing Method	Coextrusion
	Compounding
	Injection Molding
	Thermoforming

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	28.0	MPa	ISO 527-2
Tensile Strain (Break)	60	%	ISO 527-2
Flexural Modulus	1600	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-20°C	4.5	kJ/m²	
23°C	10	kJ/m²	
Thermal	Nominal Value	Unit	Test Method

Heat Deflection Temperature (1.8 MPa, Unannealed)	57.0	°C	ISO 75-2/A
Vicat Softening Temperature	153	°C	ISO 306

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