

MOSTEN MB 720

Polypropylene Impact Copolymer

UNIPETROL RPA

Message:

Polypropylene Mosten MB 720 is a block copolymer, intended for injection moulding of parts requiring very high impact strength. Typical application is production of various technical parts, containers and boxes, crates (clap-boxes), etc. Mosten MB 720 can also be used for compounding of products, especially for automotive industry.

General Information			
Features	Block Copolymer		
	Food Contact Acceptable		
	Ultra High Impact Resistance		
Uses	Automotive Applications		
	Compounding		
	Containers		
	Crates		
	Engineering Parts		
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)	20	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	22.0	MPa	ISO 527-2
Tensile Strain (Break)	> 100	%	ISO 527-2
Flexural Modulus	1050	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-20°C	7.0	kJ/m²	
23°C	20	kJ/m²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	52.0	°C	ISO 75-2/A
Vicat Softening Temperature	145	°C	ISO 306

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