

MOSTEN MA 712

Polypropylene Copolymer

UNIPETROL RPA

Message:

Polypropylene Mosten MA 712 is a block copolymer with antistatistical additivition, intended for injection moulding of products requiring high impact strength. Typical application is production of various foodstuffs packaging, buckets, boxes and containers, etc. Mosten MA 712 can be also used for the compounding of products, especially for automotive industry.

General Information			
Additive	Antistatic		
Features	Antistatic		
	Crystal		
	Food Contact Acceptable		
Uses	Automotive Applications		
	Compounding		
	Containers		
	Food Packaging		
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)	12	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	29.0	MPa	ISO 527-2
Tensile Strain (Break)	50	%	ISO 527-2
Flexural Modulus	1550	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-20°C	4.0	kJ/m ²	
23°C	10	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	58.0	°C	ISO 75-2/A
Vicat Softening Temperature	153	°C	ISO 306

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