

MOSTEN MA 745

Polypropylene Copolymer

UNIPETROL RPA

Message:

Polypropylene Mosten MA 745 is a high melt flow block copolymer with antistatic additivation, intended for injection moulding of parts requiring high flowability and impact strength. It is suitable for thin walled injection moulding into multiple moulds. Typical application is production of various foodstuffs packaging, boxes, crates (clap-boxes), etc.

General Information			
Additive	Antistatic		
Features	Antistatic		
	Block Copolymer		
	Crystal		
	Food Contact Acceptable		
	High Flow		
	High Impact Resistance		
Uses	Crates		
	Food Packaging		
Agency Ratings	EC 1935/2004		
	EU No 10/2011		
Forms	Pellets		
Processing Method	Injection Molding		
	Multi Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	45	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	26.0	MPa	ISO 527-2
Tensile Strain (Break)	35	%	ISO 527-2
Flexural Modulus	1400	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-20°C	4.0	kJ/m ²	
23°C	8.0	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	56.0	°C	ISO 75-2/A

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