

MOSTEN MT 812

Polypropylene Random Copolymer
UNIPETROL RPA

Message:

Polypropylene Mosten MT 812 is a random copolymer with combined antistatic and clarifying additivation, intended for injection moulding into multiple moulds and for production of thin-walled products. It is especially suitable for injection moulding of various foodstuff packaging and houseware products into polished moulds.

General Information	
Additive	Antistatic Clarifier
Features	Antistatic Food Contact Acceptable Random Copolymer
Uses	Food Packaging Household Goods Thin-walled Parts
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)	12	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	26.0	MPa	ISO 527-2
Tensile Strain (Break)	> 250	%	ISO 527-2
Flexural Modulus	1050	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-20°C	1.2	kJ/m²	
23°C	6.0	kJ/m²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	48.0	°C	ISO 75-2/A

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