

MOSTEN MA 230

Polypropylene Homopolymer
UNIPETROL RPA

Message:

Polypropylene Mosten MA 230 is a high melt flow rate homopolymer with narrow molecular weight distribution, intended for injection moulding. It contains antistatic stabilization. It offers good processability and high gloss of final products. It is especially suitable for thin walled injection moulded products and for injection moulding into multiple moulds. The typical application is the production of various foodstuffs packaging, VHS and DVD boxes, etc.

General Information			
Additive	Antistatic		
Features	Antistatic		
	Food Contact Acceptable		
	Good Processability		
	High Flow		
	High Gloss		
	Homopolymer		
	Narrow Molecular Weight Distribution		
Uses	Food Packaging		
	Packaging		
	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)	30	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	35.0	MPa	ISO 527-2
Tensile Strain (Break)	> 150	%	ISO 527-2
Flexural Modulus	1500	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	2.0	kJ/m²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	54.0	°C	ISO 75-2/A

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