

MOSTEN GA 506

Polypropylene Copolymer
UNIPETROL RPA

Message:

MOSTEN GA 506 is a block copolymer with antistatic and nucleation stabilization. It is intended for injection moulding of parts with high demands on good stiffness and high impact strength. It is suitable for injection moulding of various technical parts and/or products. It can also be used for co-extruded films intended for subsequent forming.

General Information			
Additive	Antistatic		
	Nucleating Agent		
Features	Antistatic		
	Block Copolymer		
	Food Contact Acceptable		
	Good Stiffness		
	High Impact Resistance		
	Nucleated		
Agency Ratings	EC 1935/2004		
	EU No 10/2011		
Forms	Pellets		
Processing Method	Coextruded Film		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	28.0	MPa	ISO 527-2
Tensile Strain (Break)	60	%	ISO 527-2
Flexural Modulus	1600	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-20°C	4.5	kJ/m²	
23°C	10	kJ/m²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	57.0	°C	ISO 75-2/A
Vicat Softening Temperature	153	°C	ISO 306

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