

# MOSTEN MA 524

Polypropylene Impact Copolymer

UNIPETROL RPA

Message:

Polypropylene Mosten MA 524 is a high melt flow block copolymer with antistatic additivation, intended for injection moulding of parts requiring high flow ability and impact strength. It is suitable for thin walled injection moulding into multiple moulds. Typical application is production of various foodstuffs packaging, boxes, crates, etc. It can be also used as a matrix for the production of various compounds. Mosten MA 524 meets the hygienic regulations concerning contact with food of European Union (Commission Directives), Germany (BfR) and USA (FDA). The product is not classified as hazardous preparation according to Directive 1999/45/EC.

General Information			
Additive	Antistatic		
Features	Antistatic		
	Block Copolymer		
	Food Contact Acceptable		
	High Flow		
	High Impact Resistance		
Uses	Compounding		
	Containers		
	Crates		
	Food Packaging		
	Thin-walled Parts		
Agency Ratings	BfR Food Contact, Unspecified Rating		
	EU 1999/45/EC		
	EU Food Contact, Unspecified Rating		
	FDA Food Contact, Unspecified Rating		
Forms	Pellets		
Processing Method	Compounding		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	24	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	1500	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179

-20°C	4.0	kJ/m <sup>2</sup>	
23°C	8.0	kJ/m <sup>2</sup>	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	56.0	°C	ISO 75-2/A
Vicat Softening Temperature	151	°C	ISO 306

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#### Recommended distributors for this material

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