

# MOSTEN EB 501

Polypropylene Copolymer  
UNIPETROL RPA

Message:

Polypropylene Mosten EB 501 is a block copolymer with LTHA additivation, intended for extrusion. Typical application is the production of sheets, profiles and non-pressure pipes.

General Information	
Additive	Heat Stabilizer
Features	Block Copolymer
	Food Contact Acceptable
	Heat Stabilized
Uses	Piping
	Profiles
	Sheet
Agency Ratings	EC 1935/2004
	EU No 10/2011
Forms	Pellets
Processing Method	Extrusion
	Pipe Extrusion
	Profile Extrusion
	Sheet Extrusion

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.50	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	27.0	MPa	ISO 527-2
Tensile Strain (Break)	> 200	%	ISO 527-2
Flexural Modulus	1150	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-20°C	9.0	kJ/m²	
23°C	80	kJ/m²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	51.0	°C	ISO 75-2/A
Vicat Softening Temperature	148	°C	ISO 306

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