

# MOSTEN NB 220

Polypropylene Homopolymer  
UNIPETROL RPA

Message:

Mosten NB 220 is homopolymer with narrow molecular weight distribution and a good resistance to gas fading. It is suitable for fiber applications, especially for manufacture of multifilament yarn and staple fibres.

General Information			
Features	Food Contact Acceptable		
	Gas-fading Resistant		
	Homopolymer		
	Narrow Molecular Weight Distribution		
Uses	Fibers		
	Staple Fibers		
	Yarn		
Agency Ratings	BfR Food Contact, Unspecified Rating		
	EU 1999/45/EC		
	FDA Food Contact, Unspecified Rating		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	33.0	MPa	ISO 527-2
Tensile Strain (Break)	> 200	%	ISO 527-2
Flexural Modulus	1350	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	3.0	kJ/m²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	54.0	°C	ISO 75-2/A
Vicat Softening Temperature	154	°C	ISO 306

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Recommended distributors for this material

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