

MOSTEN NB 425

Polypropylene Homopolymer

UNIPETROL RPA

Message:

Polypropylene Mosten NB 425 is a homopolymer with very narrow molecular weight distribution, intended for non-wovens production by spunbond technology. Typical application is the production of non-woven textiles, especially for hygienic sector.

General Information			
Features	Food Contact Acceptable		
	Homopolymer		
	Narrow Molecular Weight Distribution		
Uses	Nonwovens		
	Textile Applications		
Agency Ratings	EC 1935/2004		
	EU No 10/2011		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	25	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	1400	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	3.0	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	53.0	°C	ISO 75-2/A
Vicat Softening Temperature	154	°C	ISO 306

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