

Moplen HP568S

Polypropylene Homopolymer

LyondellBasell Industries

Message:

Lyondellbasell Australia's Polyproylene grade HP568S is a very high flow homopolymer with a modified molecular weight distribution. HP568S can be used in the melt spinning process for the production of fine denier spunbond non-woven articles.

General Information			
Features	Controlled Rheology		
	High Flow		
	Homopolymer		
	Narrow Molecular Weight Distribution		
Uses	Nonwovens		
	Spunbond Nonwovens		
Agency Ratings	FDA 21 CFR 177.1520(a) 1		
	FDA 21 CFR 177.1520(c) 1.1		
Processing Method	Fiber (Spinning) Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	38	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D, 1 sec)	73		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	31.0	MPa	ISO 527-2
Flexural Modulus	1300	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	2.2	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	70.0	°C	ISO 75-2/B
Vicat Softening Temperature	151	°C	ISO 306/A50

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