Technical Data Sheet

Moplen HP568S

Polypropylene, Homopolymer

Product Description

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

Regulatory Status

For regulatory compliance information, see *Moplen* HP568S Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status	Commercial: Active
Availability	Asia-Pacific; Australia and New Zealand
Application	Hygiene Film
Market	Textile
Processing Method	Continuous Filament/Spinning; Spunbond
Attribute	Controlled Rheology; Homopolymer; Narrow Molecular Weight Distribution

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	38	g/10 min	ISO 1133-1
Density, (23 °C, Method D)	0.90	g/cm³	ISO 1183-1
Mechanical			
Flexural Modulus	1300	MPa	ISO 178
Tensile Stress at Yield	31	MPa	ISO 527-1, -2
Impact			
Notched Izod Impact Strength, (23 °C)	2.2	kJ/m²	ISO 180/1A
Hardness			
Shore Hardness, (Shore D)	75		ISO 868
Thermal			
Vicat Softening Temperature	151	°C	ISO 306
Heat Deflection Temperature B, (0.45 MPa, Unannealed)	77	°C	ISO 75B-1, -2