

Technical Data Sheet

HP568S

Polypropylene, Homopolymer

Product Description

Viva Energy Polymers polypropylene grade HP568S is a 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.

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/cm ³	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/m ²	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

Notes

These are typical property values not to be construed as specification limits.

Regulatory Status

For regulatory compliance information, see Product Stewardship Bulletin and Safety Data Sheet.

Company Information

For further information regarding Viva Energy please visit www.vivaenergy.com.au.

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