

## Technical Data Sheet

### Moplen HP568S



Polypropylene, Homopolymer

#### Product Description

LyondellBasell Australia's Polypropylene 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.

#### Regulatory Status

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

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

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	38	g/10 min	ISO 1133-1
Density, (23 °C, Method D)	0.90	g/cm <sup>3</sup>	ISO 1183
<b>Mechanical</b>			
Flexural Modulus	1300	MPa	ISO 178
Tensile Stress at Yield	31	MPa	ISO 527-1, -2
<b>Impact</b>			
Notched Izod Impact Strength, (23 °C)	2.2	kJ/m <sup>2</sup>	ISO 180/1A
<b>Hardness</b>			
Shore Hardness, (Shore D)	73		ISO 868
<b>Thermal</b>			
Vicat Softening Temperature	151	°C	ISO 306
Heat Deflection Temperature B, (0.45 MPa, Unannealed)	70	°C	ISO 75B-1, -2

#### Notes

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

#### Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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- (i) U.S. FDA Class I or II Medical Devices; Health Canada Class I, II or III Medical Devices; European Union Class I or II Medical Devices;
- (ii) film, overwrap and/or product packaging that is considered a part or component of one of the aforementioned medical devices;
- (iii) packaging in direct contact with a pharmaceutical active ingredient and/or dosage form that is intended for inhalation, injection, intravenous, nasal, ophthalmic (eye), digestive, or topical (skin) administration;
- (iv) tobacco related products and applications, electronic cigarettes and similar devices.

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- (ii) applications involving permanent implantation into the body;
- (iii) life-sustaining medical applications.

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