Technical Data Sheet

Moplen HP565S B

Polypropylene, Homopolymer

Product Description

Moplen HP565S B is a polypropylene homopolymer used for extrusion applications. *Moplen* HP565S B has a narrow molecular weight distribution and is formulated with standardized processing stabilization package and anti-statistic agent. *Moplen* HP565S B is used for the production of continuous filaments on new high productivity lines. Typical applications are partially-oriented yarns (POY) and spunbond nonwovens.

Regulatory Status

For regulatory compliance information, see *Moplen* HP565S B Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

This grade is not intended for medical and pharmaceutical applications.

Status	Commercial: Active
Availability	China
Application	Absorption & Filtration; Filament Yarn; Furniture & Buildings; Geotextile & Agriculture; Hygiene Nonwoven; Nonwovens; Wipes/Tissues
Market	Textile
Processing Method	Continuous Filament/Spinning; Extrusion Coating; Fibers; Spunbond
Attribute	Controlled Rheology; High production rate; High Flow; Homopolymer; Narrow Molecular Weight Distribution; Anti-statistic

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	38	g/10 min	ISO 1133-1
Mechanical			
Flexural Modulus	1250	MPa	ISO 178
Tensile Stress at Yield, (23 °C, 50 mm/min)	35	MPa	ISO 527-1, -2
Tensile Strain at Yield, (23 °C, 50 mm/min)	13	%	ISO 527-1, -2
Impact			
Izod Impact Strength - Notched, (23 °C, Type 1, Edgewise, Notch A)	3	kJ/m²	ISO 180
Thermal			
Vicat Softening Temperature, (A50)	154	°C	ISO 306

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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