Technical Data Sheet

Moplen HP562T

Polypropylene, Homopolymer

Product Description

Moplen HP562T is a polypropylene homopolymer resin, very high melt flow with narrow MWD, low gel, good gas fading resistance, consistently excellent processability. Typical customer applications are spunbonded nonwoven fabrics with high speed spin continuity of low denier fiber, used for hygiene products, agriculture, geotextiles.

Regulatory Status

For regulatory compliance information, see *Moplen* HP562T Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status	Commercial: Active
Availability	Africa-Middle East; Asia-Pacific; Australia and New Zealand
Application	Hygiene Nonwoven; Wipes/Tissues
Market	Textile
Processing Method	Continuous Filament/Spinning; Spunbond
Attribute	Gas-fading Resistant; Homopolymer; Narrow Molecular Weight Distribution

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	60	g/10 min	ASTM D1238
Density	0.90	g/cm³	ASTM D792
Mechanical			
Flexural Modulus	1390	MPa	ASTM D790
Tensile Strength at Yield	34	MPa	ASTM D638
Tensile Elongation at Yield	10	%	ASTM D638
Impact			
Notched Izod Impact Strength, (23 °C)	14	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load	107	°C	ASTM D648

Manufacturer website: https://www.hmcpolymers.com/

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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