



Moplen HP552R

Polypropylene, Homopolymer

Product Description

Moplen HP552R is suitable for extrusion applications. It is formulated with an anti-gasfading stabilisation package. Moplen HP552R is designed for the production of continuous filaments (CF), bulk continuous filaments (BCF) and fine denier staple fibres. Typical applications are carpets and nonwovens. For regulatory information please refer to Moplen HP552R Product Stewardship Bulletin (PSB).

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe, Africa-Middle East
Processing Methods	Continuous Filament/Spinning, Staple Fibre
Features	Gas-fading Resistant, Homopolymer, Good Processability
Typical Customer Applications	Bulk Continuous Filament & Continuous Filament, Filament Yarn, Hygiene Nonwoven, Nonwoven Staple Fibres, Staple Fiber, Wipes/Tissues

Typical Properties	Method	Value	Unit
Physical			
Melt flow rate (MFR) (230°C/2.16kg)	ISO 1133	25	g/10 min
Melt volume flow rate (230°C/2.16 kg)	ISO 1133	34	cm ³ /10min
Mechanical			
Tensile modulus	ISO 527	1500	MPa
Thermal			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	97	°C
Vicat softening temperature (A50 (50°C/h 10N))	ISO 306	153	°C
(B50 (50°C/h 50N))		92	°C

Notes

Typical properties; not to be construed as specifications.

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- Equistar Chemicals, LP
- Basell Sales & Marketing Company B.V.
- Basell Asia Pacific Limited
- Basell International Trading FZE
- LyondellBasell Australia Pty Ltd

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This product(s) may not be used in:

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- the manufacture of any of the following, without prior written approval by Seller for each specific product and application: (1) U.S. FDA Class II, Health Canada Class II or Class III, and/or European Union Class II Medical Devices; (2) film, overwrap and/or product packaging that is considered a part or component of one of the aforementioned Medical Devices; (3) 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; (4) tobacco related products and applications; (5) electronic cigarettes and similar devices; and (6) pressure pipe or fittings that are considered a part or component of a nuclear reactor.
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All references to U.S. FDA, Health Canada, and European Union regulations include another country's equivalent regulatory classification.

Users should review the applicable Material Safety Data Sheet before handling the product.

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