

Moplen HP552R

Polypropylene Homopolymer

LyondellBasell Industries

Message:

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).

General Information	
Additive	Anti-gas fading
Features	Gas-fading Resistant
	Good Processability
	Homopolymer
Uses	BCF Multifilaments
	Carpet Backing
	Fabrics
	Filaments
	Nonwovens
	Staple Fibers
	Yarn
Forms	Pellets
Processing Method	Extrusion
	Fiber (Spinning) Extrusion

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	25	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	34.0	cm³/10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1500	MPa	ISO 527-2
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	97.0	°C	ISO 75-2/B
Vicat Softening Temperature			
--	153	°C	ISO 306/A50
--	92.0	°C	ISO 306/B50

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