

Moplen HP552N

Polypropylene Homopolymer

PolyMirae

Message:

Moplen HP552N is used in extrusion applications. It is formulated with an anti-gasfading stabilisation package. Moplen HP552N is used in the production of continuous filaments and fine denier staple fibres. Typical applications are carpets and nonwovens. For regulatory information please refer to Moplen HP552N Product Stewardship Bulletin (PSB).

General Information			
Additive	Anti-smoke fade		
Features	Homopolymer		
	Resistance to gas fading		
Uses	Carpet backing		
	staple fiber		
	Non-woven fabric		
	Filament		
	Line		
Forms	Particle		
Processing Method	Extrusion		
	Filament extrusion		
	Fiber (spinning) extrusion		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR)	13	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield	34.0	MPa	ISO 527-2
Fracture	23.0	MPa	ISO 527-2
Tensile Strain			ISO 527-2
Yield	11	%	ISO 527-2
Fracture	> 500	%	ISO 527-2
Flexural Modulus	1400	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	8.0	kJ/m ²	ISO 179
Charpy Unnotched Impact Strength	210	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	90.0	°C	ISO 75-2/B
Vicat Softening Temperature			

--	153	°C	ISO 306/A50
--	93.0	°C	ISO 306/B50

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material


Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT