

Moplen HP2833

Polypropylene Homopolymer

LyondellBasell Industries

Message:

Moplen HP2833 is a homopolymer suitable for extrusion and injection moulding applications. This grade is formulated with anti-gas fading stabilization package. Moplen HP2833 is used for production for continuous filaments and staple fibres. Typical applications are carpet, upholstery, ropes etc.

General Information			
Additive	Anti-smoke fade		
Features	Homopolymer		
	Resistance to gas fading		
Uses	BCF filament		
	staple fiber		
	Furniture		
	Household goods		
	Rope		
	Filament		
Processing Method	Continuous Filament/Spinning		
	Extrusion		
	Injection molding		
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 Stress (Yield)	32.0	MPa	ISO 527-2
Tensile Strain			ISO 527-2
Yield	10	%	ISO 527-2
Fracture	> 50	%	ISO 527-2
Flexural Modulus	1450	MPa	ISO 178
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	77.0	°C	ISO 75-2/B
Vicat Softening Temperature			
--	153	°C	ISO 306/A50
--	87.0	°C	ISO 306/B50

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