Moplen HP2833

Polypropylene, Homopolymer

Product Description

Moplen HP2833 is a homopolymer suitable for extrusion and injection moulding appplications. 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.

Product Characteristics

Status	Development
Test Method used	ISO
Availability	Europe, Asia-Pacific, Africa-Middle East
Processing Methods	Continuous Filament/Spinning, Injection Molding, Staple Fibre
Features	Gas-fading Resistant
Typical Customer Applications	Bulk Continuous Filament & Continuous Filament, Furniture, Housewares, Staple Fiber

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/2.16Kg)	ISO 1133	34	cm³/10min
Mechanical			
Tensile Stress at Yield	ISO 527-1, -2	32	MPa
Tensile Strain at Break	ISO 527-1, -2	>50	%
Tensile Strain at Yield	ISO 527-1, -2	10	%
Flexural modulus	ISO 178	1450	MPa
Thermal			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	77	°C
Vicat softening temperature	ISO 306		
(B50 (50°C/h 50N))		87	°C
(A50 (50°C/h 10N))		153	°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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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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Release Date: 01 Jul 2014