Moplen HP648N

Polypropylene, Homopolymer

Product Description

Moplen HP648N is a polypropylene homopolymer. It is nucleated for faster crystallization and also features antistatic properties.

Product Characteristics

Status	Commercial: Active
Test Method used	ASTM
Availability	Asia-Pacific, Australia/NZ, Africa-Middle East
Processing Methods	Injection Molding
Features	Antistatic, Fast Cycle (Production) , High ESCR (Environmental Stress Cracking Resistance), Nucleated, Good Stiffness , Low Taste Transfer
Typical Customer Applications	Caps & Closures, Housewares, Opaque Containers, Sports, Leisure and Toys

Typical Properties	Method	Value	Unit
Physical			
Density -Specific Gravity	ASTM D 792	0.9	g/cm³
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	12.0	g/10 min
Mechanical			
Flexural Modulus	ASTM D 790	1870	MPa
Tensile Strength @ Yield	ASTM D 638	38	MPa
Tensile Elongation @ Yield	ASTM D 638	8	%
Impact			
Notched Izod Impact (23 °C)	ASTM D 256	32	J/m
Thermal			
Heat deflection temperature at 0.46 N/mm2	ASTM D 648	122	°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

For the contact details of the LyondellBasell company selling this product in your country, please visit http://www.lyb.com/.

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equivalent regulatory classification.

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

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