



Moplen HP648H

Polypropylene, Homopolymer

Product Description

"Moplen" HP648H is a nucleated homopolymer designed for use in compression moulding. Moplen HP648H is specially formulated to optimise performance in closure applications with a highly effective additive package.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO ASTM
Availability	Europe, Asia-Pacific, Africa-Middle East
Processing Methods	Compression Molding
Features	Homopolymer, Nucleated, Unspecified Slip
Typical Customer Applications	Caps & Closures

Typical Properties	Method	Value	Unit
Physical			
Density -Specific Gravity	ASTM D 792	0.9	
Melt Flow Rate (230°C/2.16kg g/10 min)	ASTM D 1238	2.8	g/10 min
Mechanical			
Flexural Modulus	ASTM D 790	1750	MPa
Tensile Strength @ Yield	ASTM D 638	36	MPa
Tensile Elongation @ Yield	ASTM D 638	9	%
Impact			
Notched Izod Impact	ASTM D 256	35	J/m
Thermal			
Heat deflection temperature at 0.46 N/mm ²	ASTM D 648	115	°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
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Users should review the applicable Material Safety Data Sheet before handling the product.

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