



Moplen HP741H

Polypropylene, Homopolymer

Product Description

Moplen HP741H is a polypropylene homopolymer. With its high clarity and good impact stiffness balance, this grade is especially suitable for solid phase pressure thermoforming process. Potential end use products include drinking, yoghurt cups, dairy packaging, general food container, etc. all of which can be hot fillable or microwaveable.

Product Characteristics

Status	Commercial: Active
Test Method used	ASTM
Availability	Asia-Pacific, Australia/NZ, Africa-Middle East
Processing Method	Extrusion Thermoforming
Features	High Clarity, Homopolymer, Low Odor Transfer, High Stiffness
Typical Customer Applications	Clear Containers, Opaque Containers

Typical Properties	Method	Value Unit
Physical		
Density -Specific Gravity	ASTM D 792	0.90 g/cm ³
Melt flow rate (230°C/2.16kg)	ASTM D 1238	2 g/10 min
Mechanical		
Tensile Strength @ Yield	ASTM D 638	38 MPa
Flexural Modulus	ASTM D 790	1800 MPa
Tensile Elongation @ Yld	ASTM D 638	8 %
Impact		
Notched izod impact (23 °C)	ASTM D 256	45 J/m
Thermal		
Heat deflection temperature at 0.46 N/mm ²	ASTM D 648	113 °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
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Users should review the applicable Material Safety Data Sheet before handling the product.

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