



## 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 Methods	Extrusion Thermoforming
Features	High Clarity, Homopolymer, Low Odor Transfer, High Stiffness
Typical Customer Applications	Clear Containers, Opaque Containers

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Density -Specific Gravity	ASTM D 792	0.90	g/cm <sup>3</sup>
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	2	g/10 min
<b>Mechanical</b>			
Flexural Modulus	ASTM D 790	1800	MPa
Tensile Strength @ Yield	ASTM D 638	38	MPa
Tensile Elongation @ Yield	ASTM D 638	8	%
<b>Impact</b>			
Notched Izod Impact (23 °C)	ASTM D 256	45	J/m
<b>Thermal</b>			
Heat deflection temperature at 0.46 N/mm <sup>2</sup>	ASTM D 648	113	°C

#### Notes

Typical properties; not to be construed as specifications.