



## Moplen HP740H

### Polypropylene, Homopolymer

#### Product Description

Moplen HP740H is a polypropylene homopolymer. With its good stiffness and top load strength, this grade is especially suitable for solid phase pressure thermoforming process. Potential end use products include drinking, margarine, noodle and dairy cups, etc. all of which can be hot fillable or microwaveable.

#### Product Characteristics

<b>Status</b>	Commercial: Active
<b>Test Method used</b>	ASTM
<b>Availability</b>	Asia-Pacific, Australia/NZ, Africa-Middle East
<b>Processing Methods</b>	Extrusion Thermoforming
<b>Features</b>	High Clarity, Homopolymer, Low Odor Transfer, High Stiffness
<b>Typical Customer Applications</b>	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	2.1	g/10 min
<b>Mechanical</b>			
Flexural Modulus	ASTM D 790	1750	MPa
Tensile Strength @ Yield	ASTM D 638	36	MPa
Tensile Elongation @ Yield	ASTM D 638	9	%
<b>Impact</b>			
Notched Izod Impact (23 °C)	ASTM D 256	40	J/m
<b>Thermal</b>			
Heat deflection temperature at 0.46 N/mm <sup>2</sup>	ASTM D 648	115	°C

#### Notes

Typical properties; not to be construed as specifications.