



Moplen HP740T

Polypropylene, Homopolymer

Product Description

Moplen HP740T is a polypropylene homopolymer manufactured using the Spheripol process. It is particularly suitable for thin wall injection molding, with potential end use applications in rigid packaging, food trays, drinking cups, plastic files, etc.

Product Characteristics

Status	Commercial: Active
Test Method used	ASTM
Availability	Asia-Pacific, Australia/NZ, Africa-Middle East
Processing Methods	Injection Molding
Features	High Clarity, Fast Cycle (Production) , High Flow , High Gloss , Homopolymer, High Stiffness
Typical Customer Applications	Clear Containers, Housewares, Opaque Containers

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	60	g/10 min
<i>Note: ASTM D1238L</i>			
Density	ASTM D 1505	0.91	g/cm ³
Mechanical			
Flexural Modulus	ASTM D 790	18000	kg/cm ²
Tensile Strength @ Yield	ASTM D 638	370	kg/cm ²
Tensile Elongation @ Yield	ASTM D 638	10	%
Impact			
Notched Izod Impact (23 °C)	ASTM D 256	2.3	kg-cm/cm
Hardness			
Rockwell Hardness (R Scale)	ASTM D 785	105	
Thermal			
Heat deflection temperature at 0.46 N/mm ²	ASTM D 648	125	°C

Notes

Typical properties; not to be construed as specifications.