



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

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
Physical			
Density -Specific Gravity	ASTM D 792	0.90	g/cm ³
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	2.1	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 (23 °C)	ASTM D 256	40	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.