



Moplen HP400M

Polypropylene, Homopolymer

Product Description

Moplen HP400M is a homopolymer for injection moulding. The main applications of Moplen HP400M are closures, containers and housewares.

Product Characteristics

Status	Commercial: Active
Test Method used	ASTM
Availability	Asia-Pacific, Australia/NZ, Africa-Middle East
Processing Methods	Injection Molding
Features	General Purpose, Homopolymer, Good Strength
Typical Customer Applications	Caps & Closures, Housewares, Opaque Containers, Sports, Leisure and Toys

Typical Properties	Method	Value	Unit
Physical			
Density -Specific Gravity	ASTM D 792	0.9	sp gr 23/23°C
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	7.5	g/10 min
Mechanical			
Flexural Modulus	ASTM D 790	1450	MPa
Tensile Strength @ Yield	ASTM D 638	34	MPa
Tensile Elongation @ Yield	ASTM D 638	10	%
Impact			
Notched Izod Impact (23 °C)	ASTM D 256	27	J/m
Thermal			
Heat deflection temperature at 0.46 N/mm2	ASTM D 648	96	°C

Notes

Typical properties; not to be construed as specifications.