



Moplen EP400L

Polypropylene, Impact Copolymer

Product Description

Moplen EP400L is an Impact Copolymer with good impact / stiffness balance. Typical Applications include Industrial Containers, Pails, Crates, Electrical Appliances, Motorcycle Parts and Toys.

Product Characteristics

Status	Commercial: Active
Test Method used	ASTM
Availability	Asia-Pacific, Australia/NZ, Africa-Middle East
Processing Methods	Injection Molding
Features	Impact Copolymer, Good Dimensional Stability, Good Impact Resistance , Good Stiffness
Typical Customer Applications	Crates, Furniture, Housewares, Opaque Containers, Small Appliances, Sports, Leisure and Toys

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	5	g/10 min
Mechanical			
Flexural Modulus	ASTM D 790	1220	MPa
Tensile Strength @ Yield	ASTM D 638	25	MPa
Tensile Elongation @ Yield	ASTM D 638	7	%
Impact			
Notched Izod Impact (23 °C)	ASTM D 256	132	J/m
Thermal			
Heat deflection temperature at 0.46 N/mm ²	ASTM D 648	88	°C

Notes

Typical properties; not to be construed as specifications.