

Technical Data Sheet

Moplen EP332K



Polypropylene, Impact Copolymer

Product Description

Moplen EP332K is a polypropylene impact copolymer with an optimized balance of stiffness and toughness, high impact strength at low temperature, low warpage and good thermal ageing stability. Typical customer applications are injection molding of toys, crates, appliances housing, and general housewares.

Status	Commercial: Active
Availability	Africa-Middle East; Asia-Pacific; Australia and New Zealand
Application	Crates; Housewares; Opaque Containers; Small Appliances; Sports, Leisure & Toys
Market	Consumer Products; Electrical / Electronics
Processing Method	Injection Molding
Attribute	Good Heat Aging Resistance; Good Impact Resistance; Good Toughness; High Stiffness; Impact Copolymer

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	5	g/10 min	ASTM D1238
Density	0.90	g/cm ³	ASTM D792
Mechanical			
Flexural Modulus	1150	MPa	ASTM D790
Tensile Strength at Yield	25	MPa	ASTM D638
Tensile Elongation at Yield	9	%	ASTM D638
Impact			
Notched Izod Impact Strength, (23 °C)	150	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load, (0.46 N/mm ²)	88	°C	ASTM D648