Manufacturer website: https://www.polymirae.com/

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	ISO 1133-1
Density	0.90	g/cm³	ISO 1183-1
Mechanical			
Tensile Modulus	1100	MPa	ISO 527-1, -2
Tensile Stress at Yield	25	MPa	ISO 527-1, -2
Tensile Strain at Yield	9	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	13	kJ/m²	ISO 179
(0 °C, Type 1, Edgewise, Notch A)	6.4	kJ/m²	ISO 179
(-20 °C)	4.7	kJ/m²	ISO 179

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