

Technical Data Sheet

Moplen EP348N

Polypropylene, Impact Copolymer

Product Description

Moplen EP348N is a nucleated heterophasic copolymer, used in injection moulding applications. This grade exhibits good stiffness, high impact strength and contains antistatic agent. Potential applications include pails, luggage, toys, crates, houseware, and two wheeler moulded parts.

This grade is not intended for medical and pharmaceutical applications.

Application	Crates; Housewares; Luggage; Opaque Containers; Sports, Leisure & Toys
Market	Consumer Products; Rigid Packaging
Attribute	Good Stiffness; High Impact Resistance

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	11	g/10 min	ISO 1133-1
Density	0.90	g/cm ³	ISO 1183-1
Mechanical			
Flexural Modulus	1200	MPa	ISO 178
Tensile Stress at Yield	23	MPa	ISO 527-1, -2
Tensile Strain at Yield	6	%	ISO 527-1, -2
Impact			
Notched Izod Impact Strength, (23 °C)	25	kJ/m ²	ISO 180
Thermal			
Heat Deflection Temperature B, (0.45 MPa, Unannealed)	97	°C	ISO 75B-1, -2