



Moplen EP348N

Polypropylene, Impact Copolymer

Product Description

Moplen EP348N is a polypropylene impact copolymer. This grade has good stiffness and high impact with good thermal ageing stability. Potential applications include pails, luggage, toys, crates, houseware, two wheeler moulded parts and battery cases etc.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe, Asia-Pacific, Africa-Middle East
Features	High Impact Resistance , Good Stiffness , Good Thermal Aging Resistance
Typical Customer Applications	Battery Cases, Crates, Housewares, Luggage, Opaque Containers, Sports, Leisure and Toys

Typical Properties	Method	Value	Unit
Physical			
Density	ISO 1183	0.9	g/cm ³
Melt flow rate (MFR) (230°C/2.16kg)	ISO 1133	11	g/10 min
Mechanical			
Tensile Stress at Yield	ISO 527-1, -2	23	MPa
Flexural modulus	ISO 178	1200	MPa
Elongation at yield	ISO 527	6	%
Impact			
Notched izod impact strength (23 °C)	ISO 180	25	kJ/m ²
Thermal			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	97	°C

Additional Properties

Hardness

Rockwell hardness– Internal test method - 80 R scale

Notes

Typical properties; not to be construed as specifications.