

Moplen EP348N

Polypropylene Impact Copolymer

LyondellBasell Industries

Message:

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.

General Information	
Features	Good Heat Aging Resistance
	Good Stiffness
	High Impact Resistance
	Impact Copolymer
Uses	Battery Cases
	Containers
	Crates
	Household Goods
	Luggage
	Pails
	Sporting Goods
	Toys

Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	11	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	80		Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	23.0	MPa	ISO 527-2
Tensile Strain (Yield)	6.0	%	ISO 527-2
Flexural Modulus	1200	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	25	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method

Heat Deflection Temperature (0.45 MPa, Unannealed)	97.0	°C	ISO 75-2/B
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