

Moplen EP242N

Polypropylene Impact Copolymer

LyondellBasell Industries

Message:

Moplen EP242N is a "Reactor-made Thermoplastic PolyOlefin" manufactured using the Spheripol process, with ultra high impact. It has high impact strength even at low temperature. It has been used in injection moulding of automotive parts, and other articles that require high impact resistance.

General Information			
Features	Good Processability		
	Good Toughness		
	Impact Copolymer		
	Low Temperature Impact Resistance		
	Ultra High Impact Resistance		
Uses	Automotive Applications		
	Automotive Exterior Parts		
	Automotive Interior Parts		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	11	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	18.6	MPa	ASTM D638
Flexural Modulus	883	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-20°C	130	J/m	
23°C	No Break		

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