

Moplen EP200S

Polypropylene Impact Copolymer

LyondellBasell Industries

Message:

Moplen EP200S is a high melt flow "Reactor-Made Thermoplastic PolyOlefin", manufactured using the Spheripol process. It is an ultra high impact copolymer suitable for demanding injection molding applications. It also has potential use as a compounding base resin for automotive bumper fascia.

General Information			
Features	Good Processability		
	Good Toughness		
	High Flow		
	Impact Copolymer		
	Low Temperature Impact Resistance		
Uses	Automotive Bumper		
	Automotive Exterior Parts		
	Automotive Interior Parts		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	40	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	18.6	MPa	ASTM D638
Tensile Elongation (Yield)	6.0	%	ASTM D638
Flexural Modulus	785	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-20°C	120	J/m	
23°C	No Break		

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