

Moplen EP200S

Thermoplastic Polyurethane Elastomer

PolyMirae

Message:

Moplen EP200S is the reactor TPO manufactured by PMC under the license of BASELL using the Spheripol process.

Moplen EP200S is a super impact copolymer particularly suitable for injection molding of high impact resistance required application and compounding base resin of automotive bumper

General Information			
Features	Good Processability		
	Impact Copolymer		
	Low Temperature Impact Resistance		
	Ultra High Impact Resistance		
Uses	Automotive Bumper		
	Containers		
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)	40	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, Injection Molded)	18.6	MPa	ASTM D638
Tensile Elongation (Yield, Injection Molded)	6.0	%	ASTM D638
Flexural Modulus (Injection Molded)	785	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-20°C, Injection Molded	120	J/m	
23°C, Injection Molded	No Break		

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