Caltex PP M580

Polypropylene Impact Copolymer

GS Caltex

Message:

Caltex PP M580 is a Polypropylene Impact Copolymer (PP Impact Copolymer) material. It is available in Asia Pacific for injection molding.
Important attributes of Caltex PP M580 are:
High Flow
Impact Resistant
Typical applications include:
Appliances
Automotive
Electrical/Electronic Applications
Housings
Industrial Applications

General Information			
Features	High Flow High Impact Resistance		
Uses	Appliance Components Automotive Applications Battery Cases Electrical Parts Industrial Applications		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	0.900	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	60	g/10 min	ASTM D1238
Molding Shrinkage			ASTM D955
Flow	1.5 to 1.8	%	
Across Flow	1.5 to 1.8	%	
Hardness	**Nominal Value**	**Unit**	**Test Method**
Rockwell Hardness (R-Scale)	83		ASTM D785
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Yield)	31.4	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	10	%	
Break	> 100	%	
Flexural Modulus	1370	MPa	ASTM D790A
Impact	**Nominal Value**	**Unit**	**Test Method**

Notched Izod Impact	64	J/m	ASTM D256
Gardner Impact	12.7	J	ASTM D3029
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (0.45 MPa, Unannealed)	125	°C	ASTM D648
Vicat Softening Temperature	152	°C	ASTM D1525

Recommended distributors for this material

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