Caltex PP M540

Polypropylene Impact Copolymer

GS Caltex

Message:

Caltex PP M540 is a Polypropylene Impact Copolymer (PP Impact Copolymer) material. It is available in Asia Pacific for injection molding.
Important attributes of Caltex PP M540 are:
Flame Rated
Impact Resistant
Typical applications include:
Appliances
Automotive
Electrical/Electronic Applications
Housings
Industrial Applications

General Information			
UL YellowCard	E319107-100074931	E119841-220389	E352041-101083969
Features	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)	8.0	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)	86		ASTM D785
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Yield)	27.5	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	10	%	
Break	> 500	%	
Flexural Modulus	1180	MPa	ASTM D790A
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact	98	J/m	ASTM D256

Gardner Impact	15.7	J	ASTM D3029
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (0.45 MPa, Unannealed)	115	°C	ASTM D648
Vicat Softening Temperature	150	°C	ASTM D1525
Flammability	**Nominal Value**		**Test Method**
Flame Rating	HB		UL 94

Recommended distributors for this material

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WECHAT