# 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		
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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	НВ		UL 94		

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#### Recommended distributors for this material

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