Caltex PP M548N

Polypropylene Impact Copolymer

GS Caltex

Message:

Caltex PP M548N is a Polypropylene Impact Copolymer (PP Impact Copolymer) material. It is available in Asia Pacific for injection molding. Important attributes of Caltex PP M548N are: Flame Rated Impact Resistant Typical applications include: Appliances Automotive Electrical/Electronic Applications Housings Industrial Applications

General Information			
UL YellowCard	E319107-100074933	E119841-220390	E352041-101083971
Features	High Impact Resistance		
Uses	Appliance Components		
	Automotive Applications		
	Battery Cases		
	Electrical Parts		
	Industrial Applications		
Forms	Pellets		
Processing Method	Injection Molding		

Trocessing Method	njecton wolding		
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)	94		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	30.4	МРа	ASTM D638
Tensile Elongation			ASTM D638
Yield	10	%	
Break	> 200	%	
Flexural Modulus	1470	МРа	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	78	J/m	ASTM D256

Gardner Impact	14.7	J	ASTM D3029
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45			
MPa, Unannealed)	123	°C	ASTM D648
Vicat Softening Temperature	150	°C	ASTM D1525
Flammability	Nominal Value		Test Method
Flame Rating	НВ		UL 94

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