

Caltex PP MT44

Polypropylene

GS Caltex

Message:

Caltex PP MT44 is a Polypropylene material. It is available in Asia Pacific.

Important attributes of Caltex PP MT44 are:

Flame Rated

Heat Resistant

High Stiffness

Impact Resistant

Typical applications include:

Appliances

Automotive

Electrical/Electronic Applications

General Information			
UL YellowCard	E319107-100074947	E119841-220404	E352041-101083986
Features	High Heat Resistance		
	High Impact Resistance		
	High Stiffness		
Uses	Appliances		
	Automotive Applications		
	Electrical Parts		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.23	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	9.0	g/10 min	ASTM D1238
Molding Shrinkage			ASTM D955
Flow	1.0	%	
Across Flow	0.90	%	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	91		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	29.4	MPa	ASTM D638
Tensile Elongation (Break)	30	%	ASTM D638
Flexural Modulus	3630	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	47	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	142	°C	ASTM D648

Vicat Softening Temperature	155	°C	ASTM D1525
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Injection	Nominal Value	Unit	
Processing (Melt) Temp	220 to 240	°C	

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Recommended distributors for this material

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