

# Caltex PP MT41

Polypropylene

GS Caltex

Message:

Caltex PP MT41 is a Polypropylene material filled with mineral. It is available in Asia Pacific.

Important attributes of Caltex PP MT41 are:

Heat Resistant

High Stiffness

Typical applications include:

Appliances

Automotive

Electrical/Electronic Applications

General Information			
Filler / Reinforcement	Mineral		
Features	High Heat Resistance		
	High Stiffness		
Uses	Appliances		
	Automotive Applications		
	Electrical Parts		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.950	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR)	9.0	g/10 min	ASTM D1238
Molding Shrinkage			ASTM D955
Flow	1.4	%	
Across Flow	1.3	%	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	90		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	28.4	MPa	ASTM D638
Tensile Elongation (Break)	100	%	ASTM D638
Flexural Modulus	1960	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	78	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	118	°C	ASTM D648
Vicat Softening Temperature	148	°C	ASTM D1525
Injection	Nominal Value	Unit	
Processing (Melt) Temp	200 to 220	°C	

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Recommended distributors for this material

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