

# Caltex PP HT43

Polypropylene

GS Caltex

Message:

Caltex PP HT43 is a Polypropylene material. It is available in Asia Pacific.

Important attributes of Caltex PP HT43 are:

Flame Rated

Flame Retardant

Heat Resistant

High Gloss

High Stiffness

Typical applications include:

Appliances

Automotive

Electrical/Electronic Applications

General Information			
UL YellowCard	E319107-100074923	E119841-220382	E352041-101083961
Features	Flame Retardant		
	High Gloss		
	High Heat Resistance		
	High Stiffness		
Uses	Appliance Components		
	Appliances		
	Automotive Applications		
	Electrical Parts		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.14	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR)	9.0	g/10 min	ASTM D1238
Molding Shrinkage			ASTM D955
Flow	0.90	%	
Across Flow	0.80	%	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	105		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	39.2	MPa	ASTM D638
Tensile Elongation (Break)	30	%	ASTM D638
Flexural Modulus	3920	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	25	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	210 to 230	°C	

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#### Recommended distributors for this material

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