

Caltex PP HG41

Polypropylene

GS Caltex

Message:

Caltex PP HG41 is a Polypropylene material filled with glass fiber. It is available in Asia Pacific.

Typical application of Caltex PP HG41: Appliances

General Information			
Filler / Reinforcement	Glass Fiber		
Uses	Appliance Components		
	Appliances		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.960	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	7.0	g/10 min	ASTM D1238
Molding Shrinkage			ASTM D955
Flow	0.80	%	
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)	58.8	MPa	ASTM D638
Tensile Elongation (Break)	5.0	%	ASTM D638
Flexural Modulus	2940	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	54	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	159	°C	ASTM D648
Injection	Nominal Value	Unit	
Processing (Melt) Temp	200 to 240	°C	

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Recommended distributors for this material

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