

Caltex PP HU30

Polypropylene

GS Caltex

Message:

Caltex PP HU30 is a Polypropylene material. It is available in Asia Pacific.

Important attributes of Caltex PP HU30 are:

Flame Rated

Flame Retardant

Heat Resistant

Typical applications include:

Appliances

Electrical/Electronic Applications

General Information			
UL YellowCard	E319107-100074925	E119841-220383	E352041-101083963
Features	Flame Retardant		
	High Heat Resistance		
Uses	Appliance Components		
	Appliances		
	Electrical Parts		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.31	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	8.0	g/10 min	ASTM D1238
Molding Shrinkage			ASTM D955
Flow	1.2	%	
Across Flow	1.1	%	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	105		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	35.3	MPa	ASTM D638
Tensile Elongation (Break)	90	%	ASTM D638
Flexural Modulus	3240	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	29	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	138	°C	ASTM D648
Vicat Softening Temperature	155	°C	ASTM D1525
Flammability	Nominal Value		Test Method
Flame Rating	V-0		UL 94

Injection	Nominal Value	Unit
Processing (Melt) Temp	210 to 240	°C

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