

# Caltex PP HB41

Polypropylene

GS Caltex

Message:

Caltex PP HB41 is a Polypropylene material. It is available in Asia Pacific.

Important attributes of Caltex PP HB41 are:

High Gloss

High Stiffness

Typical applications include:

Appliances

Electrical/Electronic Applications

General Information			
Features	High Gloss		
	High Stiffness		
Uses	Appliances		
	Electrical Parts		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.980	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	9.0	g/10 min	ASTM D1238
Molding Shrinkage			ASTM D955
Flow	1.7	%	
Across Flow	1.6	%	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	103		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	34.3	MPa	ASTM D638
Tensile Elongation (Break)	50	%	ASTM D638
Flexural Modulus	1670	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	44	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	115	°C	ASTM D648
Vicat Softening Temperature	150	°C	ASTM D1525
Optical	Nominal Value		Test Method
Gardner Gloss	88		ASTM D523
Injection	Nominal Value	Unit	
Processing (Melt) Temp	200 to 230	°C	

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