

Caltex PP MB41R

Polypropylene

GS Caltex

Message:

Caltex PP MB41R is a Polypropylene material. It is available in Asia Pacific.

Important attributes of Caltex PP MB41R are:

Flame Rated

High Gloss

Typical applications include:

Appliances

Electrical/Electronic Applications

General Information			
UL YellowCard	E319107-100074938	E119841-220395	E352041-101083976
Features	High Gloss		
Uses	Appliance Components		
	Appliances		
	Electrical Parts		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.970	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	10	g/10 min	ASTM D1238
Molding Shrinkage			ASTM D955
Flow	1.6	%	
Across Flow	1.5	%	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	90		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	29.4	MPa	ASTM D638
Tensile Elongation (Break)	60	%	ASTM D638
Flexural Modulus	1470	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	88	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	110	°C	ASTM D648
Vicat Softening Temperature	148	°C	ASTM D1525
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Optical	Nominal Value		Test Method
Gardner Gloss	85		ASTM D523

Injection	Nominal Value	Unit
Processing (Melt) Temp	200 to 230	°C

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