

Caltex PP MU42

Polypropylene

GS Caltex

Message:

Caltex PP MU42 is a Polypropylene material. It is available in Asia Pacific.

Important attributes of Caltex PP MU42 are:

Flame Rated

Flame Retardant

Heat Resistant

Typical applications include:

Appliances

Electrical/Electronic Applications

General Information			
UL YellowCard	E319107-100074955	E119841-220410	E352041-101083994
Features	Flame Retardant		
	High Heat Resistance		
Uses	Appliances		
	Electrical Parts		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.950	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	8.0	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)	75		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	29.4	MPa	ASTM D638
Tensile Elongation (Break)	250	%	ASTM D638
Flexural Modulus	1180	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	V-2		UL 94
Injection	Nominal Value	Unit	

Processing (Melt) Temp	200 to 230	°C
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