

Caltex PP MT42HS

Polypropylene

GS Caltex

Message:

Caltex PP MT42HS is a Polypropylene material. It is available in Asia Pacific. Primary attribute of Caltex PP MT42HS: Scratch Resistant.

Typical application of Caltex PP MT42HS: Engineering/Industrial Parts

General Information			
UL YellowCard	E319107-100074943	E119841-220400	E352041-101083982
Features	High Scratch Resistance		
Uses	Shock Absorbing Pads		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	11	g/10 min	ASTM D1238
Molding Shrinkage			ASTM D955
Flow	1.0	%	
Across Flow	0.90	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	24.5	MPa	ASTM D638
Tensile Elongation (Break)	120	%	ASTM D638
Flexural Modulus	2270	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
--	220	J/m	
-10°C	52	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	130	°C	ASTM D648
Additional Information	Nominal Value	Unit	
Processing Temperature	210 to 230	°C	

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Recommended distributors for this material

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