

HONES® PA66 G10

Polyamide 66

Guangdong Shunde Hones Polymer Material Co., Ltd.

Message:

Technology characteristics: 10% Glass fiber reinforced

General Information			
Filler / Reinforcement	Glass Fiber,10% Filler by Weight		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.24	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.60 to 1.2	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	85.0	MPa	ASTM D638
Flexural Strength	125	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	7.5	kJ/m ²	ISO 179
Charpy Unnotched Impact Strength	58	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	190	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+15	ohms·cm	ASTM D257
Dielectric Strength (2.00 mm)	30	kV/mm	ASTM D149
Dielectric Constant (1 MHz)	3.10		ASTM D150
Flammability	Nominal Value	Unit	Test Method
Flame Rating (3.20 mm)	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	130	°C	
Drying Time	4.0	hr	
Rear Temperature	220 to 265	°C	
Middle Temperature	220 to 265	°C	
Front Temperature	220 to 265	°C	

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Recommended distributors for this material

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