

HONES® PPS HS-CT30-G

Polyphenylene Sulfide

Guangdong Shunde Hones Polymer Material Co., Ltd.

Message:

Special grade of carbon fiber reinforced

General Information			
Filler / Reinforcement	Carbon Fiber		
UL File Number	E254390		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.70	g/cm ³	Internal Method
Molding Shrinkage			Internal Method
Flow : 2.00 mm	0.10	%	
Across Flow : 2.00 mm	0.20	%	
Water Absorption (23°C, 24 hr)	0.010	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	175	MPa	Internal Method
Tensile Elongation (Break)	1.0	%	Internal Method
Flexural Modulus	10500	MPa	Internal Method
Flexural Strength	230	MPa	Internal Method
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	265	°C	Internal Method
CLTE			ISO 11359-2
Flow	1.0E-5	cm/cm/°C	
Transverse	4.0E-5	cm/cm/°C	
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	80	ohms	IEC 60093
Volume Resistivity	1.0E+2	ohms·cm	IEC 60093
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-0		UL 94
Fill Analysis	Nominal Value	Unit	Test Method
Melt Viscosity (310°C)	280	Pa·s	ISO 11443

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Recommended distributors for this material

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