HONES® PPS HS-G40-5

Polyphenylene Sulfide

Guangdong Shunde Hones Polymer Material Co., Ltd.

Message:

High toughness

General Information			
Filler / Reinforcement	Glass Fiber		
Features	Good Toughness		
UL File Number	E254390		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	1.65	g/cm³	Internal Method
Molding Shrinkage			Internal Method
Flow : 2.00 mm	0.30	%	
Across Flow : 2.00 mm	0.60	%	
Water Absorption (23°C, 24 hr)	0.010	%	ISO 62
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength	105	MPa	Internal Method
Tensile Elongation (Break)	1.5	%	Internal Method
Flexural Modulus	8000	MPa	Internal Method
Flexural Strength	180	MPa	Internal Method
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (1.8 MPa, Unannealed)	235	°C	Internal Method
CLTE			ISO 11359-2
Flow	2.0E-5	cm/cm/°C	
Transverse	4.0E-5	cm/cm/°C	
Electrical	**Nominal Value**	**Unit**	**Test Method**
Surface Resistivity	2.0E+17	ohms	IEC 60093
Volume Resistivity	3.0E+16	ohms·cm	IEC 60093
Electric Strength (3.00 mm)	16	kV/mm	IEC 60243-1
Comparative Tracking Index	125	V	IEC 60112
Flammability	**Nominal Value**	**Unit**	**Test Method**
Flame Rating	V-0		UL 94
Fill Analysis	**Nominal Value**	**Unit**	**Test Method**
Melt Viscosity (310°C)	350	Pa·s	ISO 11443

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China