

DURAFIDE® 7340A4

Polyphenylene Sulfide

Polyplastics Co., Ltd.

Message:

DURAFIDE® 7340A4 is a Polyphenylene Sulfide (PPS) product filled with 45% carbon\glass\mineral. It is available in Asia Pacific, Europe, or North America. Characteristics include:

Flame Rated

Conductive

General Information			
UL YellowCard	E109088-218862		
Filler / Reinforcement	Carbon\Glass\Mineral,45% Filler by Weight		
Features	Electrically Conductive		
UL File Number	E109088		
Forms	Pellets		
Part Marking Code (ISO 11469)	>PPS-(GF+MD+CD)45<		
Physical	Nominal Value	Unit	Test Method
Density	1.69	g/cm ³	ISO 1183
Water Absorption (23°C, 24 hr)	0.030	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	135	MPa	ISO 527-2
Tensile Strain (Break)	1.5	%	ISO 527-2
Flexural Modulus	12000	MPa	ISO 178
Flexural Stress	195	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	5.0	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	265	°C	ISO 75-2/A
CLTE			
Flow	2.0E-5	cm/cm/°C	
Transverse	4.0E-5	cm/cm/°C	
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+2	ohms · cm	IEC 60093
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-1		UL 94
Fill Analysis	Nominal Value	Unit	Test Method
Melt Viscosity (310°C, 1000 sec ⁻¹)	340	Pa · s	ISO 11443
Additional Information	Nominal Value	Unit	Test Method
Color Number	HD9000		

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