

DURAFIDE® 6165A7S

Polyphenylene Sulfide

Polyplastics Co., Ltd.

Message:

DURAFIDE® 6165A7S is a Polyphenylene Sulfide (PPS) product filled with 65% glass\mineral. It is available in Asia Pacific, Europe, or North America. Primary characteristic: chemical resistant.

General Information			
Filler / Reinforcement	Glass\Mineral,65% Filler by Weight		
Features	Fuel Resistant		
Forms	Pellets		
Part Marking Code (ISO 11469)	>PPS-(MD+GF)65<		
Physical	Nominal Value	Unit	Test Method
Density	1.98	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	140	MPa	ISO 527-2
Tensile Strain (Break)	1.1	%	ISO 527-2
Flexural Modulus	17000	MPa	ISO 178
Flexural Stress	205	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)	270	°C	ISO 75-2/A
CLTE			
Flow	2.0E-5	cm/cm/°C	
Transverse	3.0E-5	cm/cm/°C	
Fill Analysis	Nominal Value	Unit	Test Method
Melt Viscosity (310°C, 1000 sec ⁻¹)	260	Pa·s	ISO 11443
Additional Information	Nominal Value	Unit	Test Method
Color Number	HD9050		

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Recommended distributors for this material

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