

DURAFIDE® 6165A7S

PPS-(GF+MD)65

Polyplastics

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	140	MPa	ISO 527
Strain at break	1.1	%	ISO 527
Flexural modulus, 23°C	17800	MPa	ISO 178
Flexural strength	215	MPa	ISO 178
Charpy notched impact strength, +23°C	6	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	270	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	20	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	30	E-6/K	ISO 11359-1/-2

Electrical properties	Value	Unit	Test Standard
ISO Data			
Relative permittivity, 1MHz	5.4	-	IEC 62631-2-1
Dissipation factor, 1MHz	20	E-4	IEC 62631-2-1

Other properties	Value	Unit	Test Standard
Density	1980	kg/m ³	ISO 1183

Characteristics**Regional Availability**

Asia Pacific