

DURAFIDE® 6155T7

Polyplastics - Polyphenylene Sulfide

General Information

Product Description

Special

High Impact, Low Anisotropy

General

Filler / Reinforcement	• Glass Fiber/Mineral, 55% Filler by Weight
Features	• High Impact Resistance
Forms	• Pellets
Part Marking Code (ISO 11469)	• >PPS-I-(GF+MD)55<

Properties¹

Physical	Nominal Value	Unit	Test Method
Density	1.74	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	21000	psi	ISO 527-2
Tensile Strain (Break)	1.8	%	ISO 527-2
Flexural Modulus	1.96E+6	psi	ISO 178
Flexural Stress	31200	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	5.2	ft-lb/in ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 264 psi, Unannealed	518	°F	ISO 75-2/A
Flammability	Nominal Value	Unit	Test Method
Flame Rating (Equivalent)	V-0		UL 94
Fill Analysis	Nominal Value	Unit	Test Method
Melt Viscosity (590°F, 1000 sec ⁻¹)	290000	mPa·s	ISO 11443
Additional Information	Nominal Value	Unit	
Color Number	HD9100		