

Product Texts

Ceramic filled ESD PEEK for Test Sockets.

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	5000	MPa	ASTM D 638
Tensile Strength at Break	95	MPa	ASTM D 638
Elongation at Break	10	%	ASTM D 638
Flexural Modulus	4800	MPa	ASTM D 790
Izod Impact notched, 1/8 in	5300	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Coefficient of Thermal Expansion, MD	36	E-6/K	ASTM D 696
DTUL @ 66 psi	260	°C	ASTM D 648
Melting Temperature	341	°C	ASTM D 3418
Glass Transition Temperature	143	°C	ASTM E 1356

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Surface Resistivity	1E12	Ohm	ASTM D 257
Volume Resistivity	1E12	Ohm*cm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	1520	kg/m ³	ASTM D 792

Characteristics**Regional Availability**

North America, Europe, Asia Pacific