



Pyramid II2250 PEI

PEI with 30% Carbon Fiber

General	ASTM #	US Value	SI Unit
Filler Content (Nominal value)	---	30 %	
Density, lb/in ³	D792	0.050	1.39 g/ml
Moisture Absorption @24hr., %	D570	0.1	
Molding Shrinkage, %		0.05	
Mechanical			
Tensile Strength (Break), Kpsi	D638	31	215 MPa
Tensile Modulus, Mpsi	D638	2.9	20 GPa
Elongation (Break), %	D638	2 %	
Flexural Strength (Yield) Mpsi	D790	43.5	300 MPa
Flexural Modulus Mpsi	D790	2.6	18 GPa
Izod, Notched, ft-lb/in @1/8"	D256	1.2	0.64 J/cm
Thermal			
HDT@264psi, °F	D648	405	207 °C

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