



Pyramid™ II2150 PEI

PEI with 30% Glass Fiber

General	ASTM #	US Value	SI Unit
Form	---	Pellets	
Filler Content (Nominal value)	---	30 %	
Density, lb/in ³	D792	0.046	1.51 g/ml
Water Absorption, 24 hrs @ 73 °F	D570	0.180 %	
Mechanical			
Tensile Strength (Ultimate), Kpsi	D638	17.4	120 MPa
Tensile Modulus, Kpsi	D638	800	5.50 GPa
Elongation (Break),%	D638	3 %	
Flexural Strength (Yield), Kpsi	D790	27	185 MPa
Flexural Modulus Kpsi	D790	848	5.85 GPa
Izod, Notched, ft-lb/in @1/8"	D256	1	0.54 J/cm
Hardness, Rockwell M	D785	114	
Thermal			
Thermal Conductivity	E 433	0.225 W/m- K	
Flammability, UL94	UL 94	V-0	
HDT@264psi, °F	D648	410	210 °C
Electrical			
Dielectric Strength, kV/mm	D149	30.3	

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