



Pyramid™ II2000 PEI

Standard Flow, Unfilled PEI

General	ASTM #	US Value	SI Unit
Form	---	Pellets	
Filler Content (Nominal value)	---	0%	
Density, lb/in ³	D792	0.0459	1.27 g/ml
Water Absorption, 24 hrs @ 73 °F	D570	0.25 %	
Mechanical			
Tensile Strength (Ultimate), Kpsi	D638	16	110 MPa
Tensile Modulus, Kpsi	D638	520	3.59 GPa
Elongation (Break), %	D638	50 %	
Flexural Strength (Yield), Kpsi	D790	24	166 MPa
Flexural Modulus Kpsi	D790	510	3.52 GPa
Izod, Notched, ft-lb/in @1/8"	D256	1	0.54 J/cm
Hardness, Rockwell M	D785	109	
Thermal			
Thermal Conductivity	E 433	0.22 W/m- K	
Flammability, UL94	UL 94	V-0	
HDT@264psi, °F	D648	394	201 °C
Electrical			
Dielectric Strength, kV/mm	D149	831	
Dissipation Factor @ 1KHz	D150	0.0012	
Resistivity, Ohm-cm	D257	1.E+17	

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