



Pyramid™ II220

Compression Molded Shape, Polyetherimide, Electro-Static Dissipative

General	ASTM No.	US Value	SI Unit
Form	---	Compression Molded Shape	
Density, lb/in³	D792	1.34 g/ml	
Water Absorption (24hr. @ 23 °C, %)	D570	1.4%	
Mechanical			
Tensile Strength Kpsi	D638	11 Kpsi	75.9 MPa
Tensile Modulus, Mpsi	D638	0.6 Mpsi	4.1 GPa
Tensile Elongation (Break), %	D638	7%	
Flexural Strength, Kpsi	D790	15 Kpsi	103.4 MPa
Flexural Modulus, Mpsi	D790	0.5 Mpsi	3.4 GPa
Izod, Notched, ft-lb/in @ 1/8"	D256	2	107 J/m
Hardness, Rockwell R Scale	D785/D2240	120R	
Thermal			
CLTE, linear $\mu\text{in}/\text{in} - ^\circ\text{F} (<T_g)$	D696	28	50
HDT@ 264 psi, °F	D648	410	210 °C
Flammability @ 1/8"	D3801	V-0	
Electrical			
Surface Resistivity @ 10 volts	EOS/ESD S11.11	$10^6 - 10^9$ ohm-sq	
Surface Resistivity @ 100 volts	EOS/ESD S11.11	$10^6 - 10^8$ ohm-sq	
Volume Resistivity @ 10 volts	EOS/ESD S11.12	$10^6 - 10^9$ ohm-sq	
Volume Resistivity @ 100 volts	EOS/ESD S11.12	$10^6 - 10^8$ ohm-sq	
Static Decay	FTMS- 101C Method 4046	0.002	

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