Polymics, Ltd.
High Performance Polymers & Compounds
2215 High Tech Road • State College • PA 16803 • USA
TEL: 1 (814) 357-5860 • FAX: 1 (814) 357-5863

Pyramid™ II210

Compression Molded Shape, Polyetherimide, Electro-Static Dissipative

General	ASTM No.	US Value	SI Unit
Form	---	Pellets (Black)	
Specific Gravity	D792	1.40 g/ml	
Water Absorption (24hr. @ 23 °C, %)	D570	1.4%	
Mechanical			
Tensile Strength	D638	11 Kpsi	75.9 MPa
Tensile Modulus	D638	0.6 Mpsi	4.1 GPa
Tensile Elongation (Break), %	D638	5%	
Flexural Strength	D790	15 Kpsi	103.4 MPa
Flexural Modulus	D790	0.5 Mpsi	3.4 GPa
Izod, notched, ft-lb/in @ 1/8"	D256	1	70 J/m
Hardness, Rockwell M	D785/D2240	120R	
Thermal			
CLTE, linear µin/in - °F (<Tg)	D696/E831	20	36
HDT@ 264 psi, °F	DMA/D648	410	210 °C
Flammability Rating	UL-94	V-0	
Electrical			
Surface Resistivity @10V	EOS/ESD S11.11	$10^4 – 10^6$ ohm-sq	
Surface Resistivity @100V	EOS/ESD S11.11	$10^3 – 10^5$ ohm-sq	
Volume Resistivity @10V	EOS/ESD S11.11	$10^4 – 10^5$ ohm-sq	
Volume Resistivity @100V	EOS/ESD S11.11	$10^3 – 10^5$ ohm-sq	
Static Decay	FTMS-101C method 4046	0.002	

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1006 Guangfu Rd. • Bade City • Taoyuan 33455 Taiwan • TEL: 886 (3) 339-8000