



PyramidTM KD2000 CAM Tube

Polyetheretherketone (PEEK) Tube

General	ASTM No.	US Value	SI Unit
Specific Gravity	D792	1.3	
Water Absorption (24hr. @ 23 °C, %)	D570	0.2%	
Mechanical			
Tensile Strength	D638	15.2 Kpsi	105 MPa
Tensile Modulus	D638	0.5 Mpsi	3.4 GPa
Tensile Elongation (Break), %	D638	>30%	
Flexural Strength	D790	20 Kpsi	137 MPa
Flexural Modulus	D790	0.5 Mpsi	3.4 GPa
Thermal			
Melting Point, °F	DSC	644	340 °C
CLTE, linear $\mu\text{in}/\text{in} - ^\circ\text{F} (<T_g)$	D696	2.6	4.7 $\mu\text{m}/\text{m}-^\circ\text{C}$
HDT@ 264 psi, °F	DMA	302	150 °C
Flexural Modulus, °F	D3418	289	143 °C
Flammability			
Flammability (1.6 mm)	UL 94	V-0	
Oxygen Index (3.2 mm)	D2863	38%	
Electrical			
Dielectric Strength	D149	530 V/mil	21 kV/mm
Volume Resistivity	D257	1 x 10 ¹⁴ Ohm	
Surface Resistivity	D257	1 x 10 ¹⁴ Ohm	