

Pyramid™ KD2000 CAM Tube

PEEK

Polymics, Ltd.

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	3400	MPa	ASTM D 638
Tensile Strength	105	MPa	ASTM D 638
Elongation at Break	30	%	ASTM D 638
Flexural Modulus	3400	MPa	ASTM D 790
Flexural Strength	137	MPa	ASTM D 790
Thermal properties			
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Coefficient of Thermal Expansion, MD	4.7	E-6/K	ASTM D 696
DTUL @ 264 psi	150	°C	ASTM D 648
Melting Temperature	340	°C	ASTM D 3418
Limiting Oxygen Index	38	%	ASTM D 2863
Electrical properties			
ASTM Data			
Dielectric Strength, Short Time	21	kV/mm	ASTM D 149
Surface Resistivity	1E14	Ohm	ASTM D 257
Other properties			
Water Absorption, 24hr	0.2	%	ASTM D 570
Density	1300	kg/m ³	ASTM D 792

Characteristics

Regional Availability

North America, Europe, Asia Pacific