

Pyramid™ KD210SG

PAEK

Polymics, Ltd.

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	3300	MPa	ASTM D 638
Tensile Strength at Break	84	MPa	ASTM D 638
Elongation at Break	100	%	ASTM D 638
Flexural Modulus	3400	MPa	ASTM D 790
Flexural Strength	82	MPa	ASTM D 790

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Melting Temperature	340	°C	ASTM D 3418
Glass Transition Temperature	145	°C	ASTM E 1356

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	0.05	%	ASTM D 570
Density	1310	kg/m ³	ASTM D 792

Characteristics**Regional Availability**

North America, Europe, Asia Pacific