

Pyramid™ KK2219
(PAEK+PTFE)-(CF+CD)30

Polymics, Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.02	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	10000	MPa	ASTM D 638
Tensile Strength	145	MPa	ASTM D 638
Elongation at Break	2.5	%	ASTM D 638
Flexural Modulus	9500	MPa	ASTM D 790
Flexural Strength	234	MPa	ASTM D 790
Rockwell Hardness	M 101	-	ASTM D 785
Shore D Hardness	90	-	ASTM D 2240
Izod Impact notched, 1/8 in	64	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 264 psi	300	°C	ASTM D 648
Melting Temperature	350	°C	ASTM D 3418
Glass Transition Temperature	182	°C	ASTM E 1356

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	0.1	%	ASTM D 570
Density	1450	kg/m ³	ASTM D 792

Characteristics

Delivery form

Pellets, Black

Regional Availability

North America, Europe, Asia Pacific

Additives

Lubricants