

Arylmax® K7500WC30

PEKK

Polymics, Ltd.

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	10000	MPa	ASTM D 638
Tensile Strength	130	MPa	ASTM D 638
Elongation at Break	3	%	ASTM D 638
Flexural Modulus	9500	MPa	ASTM D 790
Flexural Strength	210	MPa	ASTM D 790

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Melting Temperature	353	°C	ASTM D 3418
Glass Transition Temperature	170	°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**Special Characteristics**

Heat stabilized or stable to heat

Regional Availability

North America, Europe, Asia Pacific

Chemical Resistance

General Chemical Resistance