

Arylmax® K6000

Polyaryletherketone

Polymics, Ltd.

Message:

Polyaryletherketone, Unfilled, with Tg of 334°F (168°C)

General Information			
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.31	g/cm ³	ASTM D792
Water Absorption (23°C, 24 hr)	0.10	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	4100	MPa	ASTM D638
Tensile Strength	96.5	MPa	ASTM D638
Tensile Elongation (Break)	40	%	ASTM D638
Flexural Modulus	3400	MPa	ASTM D790
Flexural Strength	128	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	168	°C	ASTM D3418
Melting Temperature	330	°C	DSC

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Recommended distributors for this material

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