



Arylmax[®] K6000

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

General	ASTM No.	US Value	SI Unit
Specific Gravity	D792	1.31 g/ml	
Water Absorption (24hr. @ 23 °C, %)	D570	0.1%	
<u>Mechanical</u>			
Tensile Strength	D638	14 Kpsi	96.5 MPa
Tensile Modulus	D638	0.6 Mpsi	4.1 GPa
Tensile Elongation (Break), %	D638	40%	
Flexural Strength	D790	18.5 Kpsi	127.5 MPa
Flexural Modulus	D790	0.5 Kpsi	3.4 GPa
<u>Thermal</u>			
Melting Point	DSC	626 °F	330 °C
Tg, °F	D3418	334 °F	168 °C

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