



Arylmax[®] K7522GF30

Polyaryletherketone, 30% Glass Fiber Filler

General	ASTM No.	US Value	SI Unit
Specific Gravity	D792	1.5 g/ml	
Water Absorption (24hr. @ 23 °C, %)	D570	0.1%	
<u>Mechanical</u>			
Tensile Strength	D638	24.9 Kpsi	170 MPa
Tensile Modulus	D638	1.8 Mpsi	11.7 GPa
Tensile Elongation (Break)	D638	2.6%	
Flexural Strength	D790	35.0 Kpsi	240 MPa
Flexural Modulus	D790	1.8 Mpsi	11.7 GPa
<u>Thermal</u>			
Melting Point	DSC	667 °F	353 °C
Tg	D3418	338 °F	170 °C

Processing			
Drying Temperature	356°F (180°C)	Drying Time	4 hours
Feed Temperature	716°F (380°C)	Middle Temperature	716°F (380°C)
Front Temperature	716°F (380°C)	Nozzle Temperature	716°F (380°C)
Mold Temperature	392-410°F (200-210°C)	Injection Rate	Fast
Screw Compression	2.5 - 3.5:1		

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