

Arylmax® K6020GF30

Polyaryletherketone

Polymics, Ltd.

Message:

Polyaryletherketone, 30% Glass Fiber Filler

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.50	g/cm ³	ASTM D792
Water Absorption (23°C, 24 hr)	0.10	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	11700	MPa	ASTM D638
Tensile Strength	170	MPa	ASTM D638
Tensile Elongation (Break)	2.6	%	ASTM D638
Flexural Modulus	11700	MPa	ASTM D790
Flexural Strength	240	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	168	°C	ASTM D3418
Melting Temperature	330	°C	DSC
Injection	Nominal Value	Unit	
Drying Temperature	180	°C	
Drying Time	4.0	hr	
Rear Temperature	380	°C	
Middle Temperature	380	°C	
Front Temperature	380	°C	
Nozzle Temperature	380	°C	
Mold Temperature	200 to 210	°C	
Injection Rate	Fast		
Screw Compression Ratio	2.5:1.0 to 3.5:1.0		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

