

Arylmax® P7000

Polyaryletherketone

Polymics, Ltd.

Message:

Polyaryletherketone with Tg of 446°F (230°C)

General Information			
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.31	g/cm ³	ASTM D792
Water Absorption (24 hr)	0.10	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3000	MPa	ASTM D638
Tensile Strength (Break)	98.0	MPa	ASTM D638
Tensile Elongation (Break)	10	%	ASTM D638
Flexural Modulus	3000	MPa	ASTM D790
Flexural Strength	100	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	230	°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



WECHAT