

# GATONE™ 5600PF

Polyetheretherketone

Solvay Specialities India Private Limited (SSIPL)

Message:

GATONE™5600PF is a polyetheretherketone (PEEK) material. This product is available in North America, Europe or Asia Pacific.

General Information			
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.30	g/cm <sup>3</sup>	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C, Injection Molded)	3500	MPa	ASTM D638
Tensile Strength (23°C, Injection Molded)	90.0	MPa	ASTM D638
Tensile Elongation (Break, 23°C, Injection Molded)	20	%	ASTM D638
Flexural Modulus (23°C, Injection Molded)	3500	MPa	ASTM D790
Flexural Strength (23°C, Injection Molded)	145	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, Injection Molded)	50	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	145	°C	DSC
Melting Temperature	340	°C	DSC
Additional Information			
Moisture Content, P/QA/I/043 Method: 0.2%Volatile Content, P/QA/I/306 Method: 0.5%Inherent Viscosity, ASTM D2857, of 0.5% (w/v) Solution, in 98% H2SO4, 25°C: 0.78 dl/gmParticle Size, P/QA/I/503 Method, 105 μ: 98%			
Injection	Nominal Value	Unit	
Drying Temperature	170	°C	
Drying Time	3.0	hr	

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