

Generic PEKK

Polyetherketoneketone

Generic

Message:

This data represents typical values that have been calculated from all products classified as: Generic PEKK

This information is provided for comparative purposes only.

General Information			
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.28 to 1.31	g/cm ³	ASTM D792
Molding Shrinkage - Flow (23°C)	0.10 to 1.4	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (23°C)	86 to 88		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	3450 to 4510	MPa	ASTM D638
Tensile Strength (Break, 23°C)	6.96 to 123	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	11 to 80	%	ASTM D638
Flexural Modulus (23°C)	3380 to 4570	MPa	ASTM D790
Compressive Strength (23°C)	103 to 207	MPa	ASTM D695
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	48 to 64	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	141 to 189	°C	ASTM D648
Glass Transition Temperature	155 to 163	°C	DSC
Melting Temperature	306 to 360	°C	DSC
CLTE - Flow	2.1E-5 to 8.4E-5	cm/cm/°C	ASTM D696

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

