

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

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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



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