

G-PAEK™ 1100PF

Polyether Ketone
Gharda Chemicals Ltd.

Message:

Product Details: Ultra High performance thermoplastic polymer, unfilled Polyether Ketone, semi crystalline, fine powder for compression molding, standard flow, suitable for food contact application, color natural white.

General Information			
Features	Food Contact Acceptable		
	Good Flow		
	Semi Crystalline		
Appearance	White		
Forms	Powder		
Processing Method	Compression Molding		
Physical	Nominal Value	Unit	Test Method
Apparent Density	0.20	g/cm ³	ASTM D1895B
Particle Size Distribution			
D(.99)	< 100.0	μm	
D(50)	< 10.0	μm	
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	280	°C	UL 746B
Glass Transition Temperature	152	°C	ASTM D3418
Melting Temperature	372	°C	ASTM D3418
Flammability	Nominal Value	Test Method	
Flame Rating (0.800 mm)	V-0	UL 94	
Fill Analysis	Nominal Value	Unit	Test Method
Melt Viscosity (400°C, 1000 sec ⁻¹)	300 to 350	Pa · s	ASTM D3835

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