



# G-PAEK™ 1100PF

**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.

**Typical Properties:**

PROPERTY	TEST METHOD/CONDITIONS	UNIT	G-PAEK™ 1100PF
<b>General Properties</b>			
Bulk Density	ASTM D 1895B	g/cc	0.2

<b>Particle Size Distribution</b>			
D(50)<10 micron & D(0.99) <100 micron			

<b>Thermal Properties</b>			
Glass Transition Temperature(Tg)	ASTM D 3418	°C	152
Melting Point (Tm)	ASTM D 3418	°C	372
Continuous Use Temperature (Expected)	UL 746B	°C	280

<b>Rheological Properties</b>			
Melt Viscosity at 400°C	ASTM D 3835/@1000 s <sup>-1</sup>	Pa.s	300-350

<b>Fire Properties</b>			
Flammability	UL 94/0.8 mm		V-0

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