

# G-PAEK™ 1400P

Polyether Ketone  
Gharda Chemicals Ltd.

Message:

Product Details: Ultra High performance thermoplastic polymer, unfilled Polyether Ketone, semi crystalline, coarse powder for extrusion compounding, high flow, FDA food contact compliant, color natural white.

General Information	
Features	Food Contact Acceptable
	High Flow
	Semi Crystalline
Appearance	White
Forms	Powder
Processing Method	Compounding
	Compounding Extrusion

Physical	Nominal Value	Unit	Test Method
Apparent Density	0.30	g/cm³	ASTM D1895B
Particle Size Distribution - D(100)	< 300.0	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)	140	Pa · s	ASTM D3835

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Recommended distributors for this material

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