



G-PAEK™ 1400P

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.

Typical Properties

PROPERTY	TEST METHOD/CONDITIONS	UNIT	G-PAEK™ 1400P
General Properties			
Bulk Density	ASTM D 1895B	g/cc	0.3

Particle Size Distribution			
D(100.0): <300.0 micron			

Thermal Properties			
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

Rheological Properties			
Melt Viscosity at 400°C	ASTM D 3835/@1000 s ⁻¹	Pa.s	140

Fire Properties			
Flammability	UL 94/0.8 mm		V-0

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