



GAZOLE™ 6200PF

Product Details: Ultra high performance thermoplastic polymer, PBI Poly (2, 5 benzimidazole) blended with Polyether Ketone, semi-crystalline fine powder suitable for compression molding as well as extrusion, with easy flow, dark brown in color.

Application Areas: Suitable for high temperature applications s under extreme load, Excellent wear resistance, suitable for semiconductor applications s and plasma handling equipments s.

Typical Properties:

PROPERTY	TEST METHOD/CONDITIONS	UNIT	GAZOLE 6200PF
General Properties			
Bulk Density	ASTM D 1895B	g/cc	0.2

Particle Size Distribution			
D(50)<10 micron & D(0.99) <100 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	300

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

Fire Properties			
Flammability	UL 94/0.8 mm		V-0

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