

G-PAEK™ G-COAT 600

Polyether Ketone
Gharda Chemicals Ltd.

Message:
Product Details: Ultra High performance thermoplastic polymers, unfilled Polyether Ketone, semi crystalline, fine powder for electrostatic coating & thermal spraying, high flow, suitable for food contact applications, color natural.

General Information			
Features	Semicrystallization		
	High liquidity		
	Compliance of Food Exposure		
Uses	Non-specific food applications		
	Coating application		
Appearance	Beige		
	Natural color		
Forms	Powder		
Processing Method	Sprayable		
	Coating		
Physical	Nominal Value	Unit	Test Method
Density	1.30	g/cm ³	
Apparent Density	0.21	g/cm ³	ASTM D1895B
Water Absorption (Equilibrium)	0.060	%	ASTM D570
Particle Size Distribution			
D(50)		µm	
D(99)		µm	
Maximum Layer Thickness - per coat	125.0 - 150.0	µm	
Mechanical	Nominal Value	Unit	Test Method
Taber Abrasion Resistance (1000 Cycles, CS-10 Wheel)	10.0	mg	ASTM D1242
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	
Additional Information	Nominal Value	Unit	

Baking Temperature: 420°C

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

