

Crastin® SK615SF BK591

THERMOPLASTIC POLYESTER RESIN

DuPont Performance Polymers

Message:

30% Glass Reinforced Low Viscosity Laser Markable Polybutylene Terephthalate Developed for Super Fast Production

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Processing Method	Injection Molding		
Part Marking Code (ISO 11469)	>PBT-GF30<		
Resin ID (ISO 1043)	PBT-GF30		
Physical	Nominal Value	Unit	Test Method
Density	1.54	g/cm ³	ISO 1183
Molding Shrinkage			ISO 294-4
Across Flow	1.1	%	
Flow	0.30	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	10000	MPa	ISO 527-2
Tensile Stress (Break)	145	MPa	ISO 527-2
Tensile Strain (Break)	2.5	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	8.0	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	209	°C	ISO 75-2/A
Melting Temperature ¹	222	°C	ISO 11357-3
Flammability	Nominal Value	Unit	Test Method
Burning Rate (1.00 mm)	75	mm/min	ISO 3795
NOTE			
1.	10°C/min		

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



WECHAT