

TARFLON™ GZK3200

Polycarbonate

Idemitsu Kosan Co., Ltd.

Message:

Good surface appearance, High flow, Flame-retardant

General Information			
UL YellowCard	E48268-240454		
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Features	Flame Retardant		
	High Flow		
	Pleasing Surface Appearance		
UL File Number	E48268		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.34	g/cm ³	ISO 1183
Spiral Flow	44.0	cm	Internal Method
Molding Shrinkage			Internal Method
Across Flow : 2.00 mm	0.40	%	
Flow : 2.00 mm	0.20	%	
Water Absorption ¹ (Equilibrium, 23°C, 50% RH)	0.13	%	ISO 62
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (M-Scale)	80		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	90.0	MPa	ISO 527-2
Nominal Tensile Strain at Break	3.0	%	ISO 527-2
Flexural Modulus	5700	MPa	ISO 178
Flexural Stress	130	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	8.0	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	98.0	°C	ISO 75-2/A
CLTE - Flow	3.7E-5	cm/cm/°C	ISO 11359-2
Electrical	Nominal Value	Unit	Test Method
Electric Strength	> 22	kV/mm	IEC 60243-1
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.750 mm)	V-0		UL 94
Additional Information	Nominal Value		

ISO Shortname	>PC-GF20-FR40<	
Injection	Nominal Value	Unit
Drying Temperature	80.0 to 90.0	°C
Drying Time	5.0 to 8.0	hr
Rear Temperature	260 to 280	°C
Middle Temperature	260 to 280	°C
Front Temperature	260 to 280	°C
Mold Temperature	50.0 to 80.0	°C
NOTE		
1.	24h	

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