TARFLON™ NEO GGK1740

Polycarbonate

Idemitsu Kosan Co., Ltd.

Message:

GF reinforced, High Stiffness, High flow

General Information			
Filler / Reinforcement	Glass Fiber,40% Filler by Weight		
Features	Copolymer High Flow High Stiffness		
UL File Number	E48268		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.52	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (300°C/1.2 kg)	30.0	cm³/10min	ISO 1133
Spiral Flow	36.0	cm	Internal Method
Molding Shrinkage			Internal Method
Across Flow : 2.00 mm	0.28	%	
Flow : 2.00 mm	0.070	%	
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress (Yield)	136	MPa	ISO 527-2
Nominal Tensile Strain at Break	1.4	%	ISO 527-2
Flexural Modulus	12400	MPa	ISO 178
Flexural Stress	200	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength (23°C)	13	kJ/m²	ISO 179
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature			
0.45 MPa, Unannealed	105	°C	ISO 75-2/B
1.8 MPa, Unannealed	98.0	°C	ISO 75-2/A
Flammability	**Nominal Value**		**Test Method**
Flame Rating (1.00 mm)	V-0		UL 94
Additional Information	**Nominal Value**		
ISO Shortname	>PC+GF40-FR(40)<		
Injection	**Nominal Value**	**Unit**	
Drying Temperature	80.0 to 90.0	°C	
Drying Time	5.0 to 8.0	hr	

Rear Temperature	270 to 310	°C
Middle Temperature	270 to 310	°C
Front Temperature	270 to 310	°C
Mold Temperature	50.0 to 80.0	°C

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