

TARFLON™ SK3731

Polycarbonate + AS
Idemitsu Kosan Co., Ltd.

Message:
Filler reinforced, Good abrasion resist, Dimensional Precision

General Information			
Filler / Reinforcement	Filler,30% Filler by Weight		
Features	Flame Retardant		
	Good Abrasion Resistance		
	Good Dimensional Stability		
UL File Number	E48268		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.43	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (260°C/2.16 kg)	8.00	cm ³ /10min	ISO 1133
Spiral Flow	21.0	cm	Internal Method
Molding Shrinkage			Internal Method
Across Flow : 2.00 mm	0.20	%	
Flow : 2.00 mm	0.17	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	74.0	MPa	ISO 527-2
Nominal Tensile Strain at Break	2.0	%	ISO 527-2
Flexural Modulus	7500	MPa	ISO 178
Flexural Stress	106	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	4.0	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	105	°C	ISO 75-2/A
CLTE			ISO 11359-2
Flow	2.7E-5	cm/cm/°C	
Transverse	4.4E-5	cm/cm/°C	
RTI Elec	50.0	°C	UL 746
RTI Imp	50.0	°C	UL 746
RTI Str	50.0	°C	UL 746
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
1.50 mm, BK	V-1		

2.00 mm, BK	5VB	
Additional Information	Nominal Value	
ISO Shortname	>PC+AS-(TD+PD)30-FR(40)<	
Injection	Nominal Value	Unit
Drying Temperature	80.0 to 100	°C
Drying Time	5.0 to 8.0	hr
Rear Temperature	270 to 280	°C
Middle Temperature	270 to 280	°C
Front Temperature	270 to 280	°C
Mold Temperature	40.0 to 70.0	°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

