

TARFLON™ SK2706

Polycarbonate + ABS
Idemitsu Kosan Co., Ltd.

Message:
High flow, Standard

General Information			
UL YellowCard	E48268-100727180		
Features	Flame Retardant		
	High Flow		
UL File Number	E48268		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.21	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (260°C/2.16 kg)	20.0	cm ³ /10min	ISO 1133
Spiral Flow	40.0	cm	Internal Method
Molding Shrinkage	Internal Method		
Across Flow : 2.00 mm	0.40	%	
Flow : 2.00 mm	0.40	%	
Water Absorption ¹ (Equilibrium, 23°C, 50% RH)	0.10	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	64.0	MPa	ISO 527-2
Nominal Tensile Strain at Break	50	%	ISO 527-2
Flexural Modulus	3000	MPa	ISO 178
Flexural Stress	90.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	10	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	88.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	78.0	°C	ISO 75-2/A
CLTE - Flow	5.8E-5	cm/cm/°C	ISO 11359-2
RTI Elec	60.0	°C	UL 746
RTI Imp	60.0	°C	UL 746
RTI Str	60.0	°C	UL 746
Electrical	Nominal Value	Unit	Test Method
Electric Strength	36	kV/mm	IEC 60243-1
Flammability	Nominal Value	Unit	Test Method

Flame Rating		UL 94
0.580 mm	V-1	
1.00 mm	V-0	
0.800 mm	5VB	
Additional Information		Nominal Value
ISO Shortname	>PC+ABS-FR(40)<	
Injection	Nominal Value	Unit
Drying Temperature	80.0	°C
Drying Time	5.0 to 8.0	hr
Rear Temperature	240 to 270	°C
Middle Temperature	240 to 270	°C
Front Temperature	240 to 270	°C
Mold Temperature	40.0 to 70.0	°C
NOTE		
1.	24h	

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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

