

TARFLON™ SK2708

Polycarbonate + ABS
Idemitsu Kosan Co., Ltd.

Message:
High flow, High impact

General Information			
Features	Flame Retardant		
	High Flow		
	High Impact Resistance		
UL File Number	E48268		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.19	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (260°C/2.16 kg)	23.0	cm ³ /10min	ISO 1133
Spiral Flow	45.0	cm	Internal Method
Molding Shrinkage			Internal Method
Across Flow : 2.00 mm	0.30 to 0.40	%	
Flow : 2.00 mm	0.30 to 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	60	%	ISO 527-2
Flexural Modulus	2900	MPa	ISO 178
Flexural Stress	96.0	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	6.5E-5	cm/cm/°C	ISO 11359-2
RTI Elec	85.0	°C	UL 746
RTI Imp	85.0	°C	UL 746
RTI Str	85.0	°C	UL 746
Flammability	Nominal Value	Test Method	
Flame Rating		UL 94	
0.900 mm	V-1		

1.50 mm	V-0	
1.20 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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