

SANREX S10G12

Styrene Acrylonitrile
Techno Polymer Co, Ltd.

Message:

SANREX S10G12 is a Styrene Acrylonitrile (SAN) product filled with 12% glass fiber. It can be processed by injection molding and is available in Asia Pacific or North America. Primary characteristic: flame rated.

General Information			
UL YellowCard	E54297-244450		
Filler / Reinforcement	Glass Fiber, 12% Filler by Weight		
UL File Number	E54297		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.17	g/cm ³	ISO 1183, ASTM D1505
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	7.0	g/10 min	ISO 1133
Molding Shrinkage	0.20 to 0.40	%	ISO 294-4
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness			
M-Scale	87		ASTM D785
M-Scale	86		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			
Yield	106	MPa	ASTM D638
Yield	99.0	MPa	ISO 527-2
Flexural Modulus			
--	4810	MPa	ASTM D790
--	4780	MPa	ISO 178
Flexural Strength			
--	135	MPa	ASTM D790
--	133	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	3.8	kJ/m ²	ISO 179
Notched Izod Impact	43	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, Unannealed	102	°C	ASTM D648
0.45 MPa, Unannealed	97.0	°C	ISO 75-2/B
Flammability	Nominal Value	Test Method	
Flame Rating (ALL)	HB	UL 94	
Injection	Nominal Value	Unit	

Drying Temperature	75.0 to 85.0	°C
Drying Time	2.0 to 5.0	hr
Rear Temperature	190 to 260	°C
Middle Temperature	190 to 260	°C
Front Temperature	190 to 260	°C
Mold Temperature	40.0 to 80.0	°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

