

RONFALIN® SAN 4501 GF35

Styrene Acrylonitrile

A. Schulman Europe

Message:

35% glass fiber reinforced SAN compound

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 35% filler by weight		
Features	Good dimensional stability		
	High strength		
Processing Method	Injection molding		
Resin ID (ISO 1043)	SAN-GF		
Physical	Nominal Value	Unit	Test Method
Density	1.35	g/cm ³	ISO 1183/A
Melt Volume-Flow Rate (MVR) (220°C/10.0 kg)	5.00	cm ³ /10min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness (H 358/30)	77.0	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	12500	MPa	ISO 527-2/1A/1
Tensile Stress (Break)	96.0	MPa	ISO 527-2/1A/5
Tensile Strain (Break)	1.0	%	ISO 527-2/1A/5
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	3.0	kJ/m ²	ISO 179/1eA
23°C	4.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength			ISO 179/1eU
-30°C	9.0	kJ/m ²	ISO 179/1eU
23°C	15	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	101	°C	ISO 75-2/Bf
1.8 MPa, not annealed	98.0	°C	ISO 75-2/Af
Vicat Softening Temperature			
--	112	°C	ISO 306/A50
--	105	°C	ISO 306/B50
Additional Information			

1.)

Not for use in food contact applications2.)

Not for use in medical or pharmaceutical applications

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

