

Cevian®-N GRSJ

Styrene Acrylonitrile

Daicel Polymer Ltd.

Message:

Cevian®-N GRSJ is a Styrene Acrylonitrile (SAN) material filled with 20% glass fiber. It is available in Asia Pacific. Primary attribute of Cevian®-N GRSJ: Flame Rated.

General Information			
UL YellowCard	E47773-239878		
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Density	1.22	g/cm ³	ISO 1183
Molding Shrinkage - Flow	0.10 to 0.30	%	ASTM D955
Water Absorption (23°C, 24 hr)	0.30	%	ISO 62
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (M-Scale)	101		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	100	MPa	ISO 527-2
Flexural Modulus	8000	MPa	ISO 178
Flexural Stress	150	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	5.0	kJ/m ²	ISO 179/1eA
Notched Izod Impact (23°C, 6.40 mm)	50	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
1.8 MPa, Unannealed, 12.7 mm	112	°C	ASTM D648
1.8 MPa, Unannealed	103	°C	ISO 75-2/A
Vicat Softening Temperature	104	°C	ISO 306/B50
CLTE			ISO 11359-2
Flow	3.0E-5	cm/cm/°C	
Transverse	7.0E-5	cm/cm/°C	
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength (1.50 mm)	49	kV/mm	ASTM D149
Arc Resistance (3.00 mm)	81.0	sec	ASTM D495
Arc Resistance (3.00 mm)	PLC 6		ASTM D495
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	80.0 to 85.0	°C	
Drying Time	3.0 to 5.0	hr	

Rear Temperature	190 to 210	°C
Middle Temperature	210 to 230	°C
Front Temperature	230 to 250	°C
Nozzle Temperature	230 to 250	°C
Mold Temperature	60.0 to 80.0	°C
Back Pressure	10.0 to 20.0	MPa
Screw Speed	40 to 60	rpm

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



WECHAT