

Cevian®-N 020, 020SF

Styrene Acrylonitrile
Daicel Polymer Ltd.

Message:

Cevian® -N 020, 020SF is a Styrene Acrylonitrile (SAN) material. It is available in Asia Pacific. Primary attribute of Cevian® -N 020, 020SF: Flame Rated.

General Information			
UL YellowCard	E47773-239872		
Physical	Nominal Value	Unit	Test Method
Density	1.07	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	13	g/10 min	ISO 1133
Molding Shrinkage - Flow	0.30 to 0.50	%	ASTM D955
Water Absorption (23°C, 24 hr)	0.30	%	ISO 62
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (M-Scale)	88		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	74.0	MPa	ISO 527-2
Flexural Modulus	3700	MPa	ISO 178
Flexural Stress	130	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	2.0	kJ/m ²	ISO 179/1eA
Notched Izod Impact (23°C, 6.40 mm)	20	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
1.8 MPa, Unannealed, 12.7 mm	97.0	°C	ASTM D648
1.8 MPa, Unannealed	85.0	°C	ISO 75-2/A
Vicat Softening Temperature	101	°C	ISO 306/B50
CLTE - Flow	7.0E-5	cm/cm/°C	ISO 11359-2
Ball Pressure Test	95	°C	
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength (1.50 mm)	33	kV/mm	ASTM D149
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	170 to 190	°C	
Middle Temperature	190 to 210	°C	
Front Temperature	210 to 230	°C	

Nozzle Temperature	210 to 230	°C
Mold Temperature	40.0 to 60.0	°C
Back Pressure	10.0 to 20.0	MPa
Screw Speed	70 to 90	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

