

TAIRISAN NX3200

Styrene Acrylonitrile
Formosa Plastics Corporation

Message:
FCFC SAN resin NX3200 meets the requirements of UL, SGS and the certificates of environmental protection.

General Information			
UL YellowCard	E162823-224756		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
UL File Number	E162823		
Forms	Pellets		
Processing Method	Extrusion		
	Injection Molding		

Physical	Nominal Value	Unit	Test Method
Specific Gravity			
--	1.06	g/cm ³	ASTM D792
23°C	1.06	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)			ASTM D1238, ISO 1133
200°C/5.0 kg	1.5	g/10 min	
220°C/10.0 kg	15	g/10 min	

Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (M-Scale, 23°C)	83		ASTM D785, ISO 2039-2

Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			
23°C	78.5	MPa	ASTM D638
23°C	78.0	MPa	ISO 527-2
Flexural Modulus (23°C)	3620	MPa	ASTM D790, ISO 178
Flexural Strength (23°C)	118	MPa	ASTM D790, ISO 178

Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (23°C, 6.35 mm)	18	J/m	ISO 180, ASTM D256

Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 12.7 mm)	94.0	°C	ASTM D648, ISO 75-2/A

Flammability	Nominal Value	Test Method	
Flame Rating (1.50 mm, All Colors)	HB	UL 94	

Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	4.0	hr	

Rear Temperature	210 to 250	°C
Middle Temperature	210 to 250	°C
Front Temperature	210 to 250	°C
Nozzle Temperature	210 to 250	°C
Processing (Melt) Temp	< 250	°C
Mold Temperature	50.0 to 70.0	°C
Injection Pressure	68.6 to 123	MPa
Extrusion	Nominal Value	Unit
Drying Temperature	80.0	°C
Drying Time	4.0	hr
Cylinder Zone 1 Temp.	200	°C
Cylinder Zone 3 Temp.	200	°C
Cylinder Zone 5 Temp.	200	°C
Melt Temperature	< 250	°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

