

KIBISAN® PN-117 L100 FG

Styrene Acrylonitrile

CHI MEI CORPORATION

Message:

Food Contact SAN KIBISAN PN-117 L100 FG

Product Description: Injection molding

General Information			
UL YellowCard	E56070-102699319		
Features	Compliance of Food Exposure		
RoHS Compliance	RoHS compliance		
Processing Method	Injection molding		
Resin ID (ISO 1043)	>SAN		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.06	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (220°C/10.0 kg)	32.0	cm ³ /10min	ISO 1133
Molding Shrinkage	0.20 - 0.70	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2/50
Yield	68.0	MPa	ISO 527-2/50
Fracture	68.0	MPa	ISO 527-2/50
Tensile Strain (Break)	6.0	%	ISO 527-2/50
Flexural Modulus ¹	3000	MPa	ISO 178
Flexural Stress ²	93.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	2.0	kJ/m ²	ISO 179
Notched Izod Impact (23°C)	2.0	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			ISO 75-2/A
1.8 MPa, not annealed	89.0	°C	ISO 75-2/A
1.8 MPa, annealed	100	°C	ISO 75-2/A
Vicat Softening Temperature			
--	104	°C	ISO 306/A50
--	102	°C	ISO 306/B50
CLTE - Flow	3.6E-5 - 3.8E-5	cm/cm/°C	ISO 11359-2
Flammability	Nominal Value		Test Method
Flame Rating (1.5 mm)	HB		UL 94
NOTE			
1.	2.0 mm/min		
2.	2.0 mm/min		

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Recommended distributors for this material

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