



# KIBISAN® PN-106 L150 FG

## CHI MEI CORPORATION - Styrene Acrylonitrile

Tuesday, November 5, 2019

### General Information

#### Product Description

Food Contact SAN KIBISAN PN-106 L150 FG

Product Description: High clarity

#### General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Europe	• North America
	• Asia Pacific	• Latin America	
Features	• Food Contact Acceptable		
• High Clarity			
RoHS Compliance	• RoHS Compliant		
Resin ID (ISO 1043)	• >SAN<		

### ASTM & ISO Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density (73°F)	1.06	g/cm <sup>3</sup>	ISO 1183
Melt Volume-Flow Rate (MVR) (220°C/10.0 kg)	32	cm <sup>3</sup> /10min	ISO 1133
Molding Shrinkage	0.20 to 0.70	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	9430	psi	ISO 527-2/50
Tensile Stress (Break)	9430	psi	ISO 527-2/50
Tensile Strain (Break)	4.0	%	ISO 527-2/50
Flexural Modulus <sup>2</sup>	377000	psi	ISO 178
Flexural Stress <sup>2</sup>	12900	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	0.95	ft·lb/in <sup>2</sup>	ISO 179
Notched Izod Impact Strength (73°F)	0.95	ft·lb/in <sup>2</sup>	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (264 psi, Unannealed)	190	°F	ISO 75-2/A
Heat Deflection Temperature (264 psi, Annealed)	210	°F	ISO 75-2/A
Vicat Softening Temperature			
--	219	°F	ISO 306/A50
--	214	°F	ISO 306/B50
CLTE - Flow	2.0E-5 to 2.1E-5	in/in/°F	ISO 11359-2
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.06 in)	HB		UL 94

#### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

<sup>2</sup> 0.079 in/min

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