

Chi Mei Kibisan® PN137H SAN Resin, General Purpose

Category : Polymer , Thermoplastic , SAN Polymer , Styrene Acrylonitrile (SAN), Molded

Material Notes:

Information provided by Calsak Corporation

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chi-Mei-Kibisan-PN137H-SAN-Resin-General-Purpose.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.06 g/cc	1.06 g/cc	ASTM D792
Melt Flow	0.90 g/10 min	0.90 g/10 min	ASTM D1238
	@Load 5.00 kg, Temperature 200 °C	@Load 11.0 lb, Temperature 392 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell M	86	86	ASTM D788
	@Thickness 6.35 mm	@Thickness 0.250 in	
Tensile Strength, Yield	78.74 MPa	11420 psi	6 mm/min; ASTM D638
	@Thickness 3.17 mm	@Thickness 0.125 in	
Elongation at Yield	5.0 %	5.0 %	6 mm/min; ASTM D638
	@Thickness 3.17 mm	@Thickness 0.125 in	
Flexural Yield Strength	112.5 MPa	16310 psi	2.8 mm/min; ASTM D790
	@Thickness 6.35 mm	@Thickness 0.250 in	
Flexural Modulus	3.79 GPa	550 ksi	2.8 mm/min; ASTM D790
	@Thickness 6.35 mm	@Thickness 0.250 in	
Izod Impact, Notched	0.187 J/cm	0.350 ft-lb/in	ASTM D256
	@Thickness 6.35 mm, Temperature 23.0 °C	@Thickness 0.250 in, Temperature 73.4 °F	
	0.224 J/cm	0.420 ft-lb/in	ASTM D256
	@Thickness 3.17 mm, Temperature 23.0 °C	@Thickness 0.125 in, Temperature 73.4 °F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	95.0 °C	203 °F	unannealed, 120°C/hr; ASTM D648
	@Thickness 6.35 mm	@Thickness 0.250 in	
	104 °C	219 °F	

Thermal Properties	Metric @ Thickness 6.35 mm	English @ Thickness 0.250 in	Comments annealed, 120°C/hr; ASTM D648
Vicat Softening Point	110 °C @Thickness 3.17 mm	230 °F @Thickness 0.125 in	50°C/hr; ASTM D1525
Flammability, UL94	HB @Thickness 1.59 mm	HB @Thickness 0.0625 in	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com
Email : sales@lookpolymers.com
Tel : +86 021-51131842
Mobile : +86 13061808058
Skype : lookpolymers
Address : United North Road 215,Fengxian District, Shanghai City,China