

Chi Mei Kibilac® PW-978B ASA, High Heat

Category : Polymer , Thermoplastic , ASA Polymer , Acrylonitrile/Styrene/Acrylate (ASA), Unreinforced, Molded

Material Notes:

Acrylonitrile/Styrene/Acrylate Information provided by Calsak Corporation

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chi-Mei-Kibilac-PW-978B-ASA-High-Heat.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.07 g/cc	1.07 g/cc	ASTM D792
Melt Flow	7.0 g/10 min	7.0 g/10 min	ASTM D1238
	@Load 10.0 kg, Temperature 220 °C	@Load 22.0 lb, Temperature 428 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	45.0 MPa	6530 psi	6 mm/min; ASTM D638
	@Thickness 3.17 mm	@Thickness 0.125 in	
Flexural Yield Strength	72.4 MPa	10500 psi	2.8 mm/min; ASTM D790
	@Thickness 6.35 mm	@Thickness 0.250 in	
Izod Impact, Notched	1.49 J/cm	2.80 ft-lb/in	ASTM D256
	@Thickness 6.35 mm, Temperature 23.0 °C	@Thickness 0.250 in, Temperature 73.4 °F	
	2.46 J/cm	4.60 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)	39.4 °C	103 °F	annealed, unspecified pressure; ASTM D648
	92.8 °C	199 °F	unannealed, unspecified pressure; ASTM D648
Vicat Softening Point	113 °C	235 °F	50°C/hr; ASTM D1525
	@Thickness 3.17 mm	@Thickness 0.125 in	

Optical Properties	Metric	English	Comments
Gloss	96 %	96 %	ASTM D523

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