



KIBILAC® PW-997L

CHI MEI CORPORATION - Acrylonitrile Styrene Acrylate

Sunday, November 3, 2019

General Information

Product Description

Matting ASA features and benefits:

- Excellent weatherability.
- color fastness for outstanding exterior design.
- matting characteristic increases housing aesthetics

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Good Color Stability	• Good Weather Resistance	
Uses	• Housings	• Outdoor Applications	
RoHS Compliance	• RoHS Compliant		
Appearance	• Matte Finish		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (220°C/10.0 kg)	6.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Yield)	6400	psi	ASTM D638
Tensile Elongation ² (Break)	35	%	ASTM D638
Flexural Modulus ³	320000	psi	ASTM D790
Flexural Strength ³	9960	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F, 0.125 in)	1.5	ft-lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 264 psi, Unannealed, 0.250 in	185	°F	ASTM D648
Vicat Softening Temperature	230	°F	ASTM D1525 ⁴
Optical	Nominal Value	Unit	Test Method
Gloss (60°)	20		ASTM D523

Notes

¹ Typical properties: these are not to be construed as specifications.

² 0.24 in/min

³ 0.11 in/min

⁴ Rate A (50°C/h), Loading 1 (10 N)