KIBILAC® PW-978W

CHI MEI CORPORATION - *Acrylonitrile Styrene Acrylate*

General Information

Product Description			
High Heat, Weather resistant			
General			
Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Good Weather Resistance	• High Heat Resistance	
RoHS Compliance	• RoHS Compliant		
Resin ID (ISO 1043)	• >ASA<		

Properties [1]

Physical	Nominal Value	Unit	Test Method
Density (73°F)	1.07	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (220°C/10.0 kg)	9.8	cm³/10min	ISO 1133
Molding Shrinkage	0.40 to 0.70	%	ISO 294-4
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress (Yield)	7110	psi	ISO 527-2/50
Tensile Stress (Break)	5080	psi	ISO 527-2/50
Tensile Strain (Break)	26	%	ISO 527-2/50
Flexural Modulus [2]	334000	psi	ISO 178
Flexural Stress [2]	10900	psi	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength			ISO 179
-22°F	1.8	ft·lb/in²	
73°F	5.0	ft·lb/in²	
Notched Izod Impact Strength			ISO 180/1A
-22°F	1.8	ft·lb/in²	
73°F	5.0	ft·lb/in²	
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (264 psi, Unannealed)	186	°F	ISO 75-2/A
Deflection Temperature Under Load (264 psi, Annealed)	222	°F	ISO 75-2/A
Vicat Softening Temperature			
--	220	°F	ISO 306/B50
--	239	°F	ISO 306/A50
CLTE - Flow	5.1E-5	in/in/°F	ISO 11359-2
Flammability	**Nominal Value**	**Unit**	**Test Method**
Flame Rating (0.06 in)	HB		UL 94

Notes

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

[2] 0.079 in/min