KIBILAC® PW-978D

CHI MEI CORPORATION - *Acrylonitrile Styrene Acrylate*

General Information

Product Description			
Super High Heat Resistance			
General			
Material Status	• Commercial: Active		
Availability	• Asia Pacific	• Europe	• North America
Features	• High Heat Resistance		
RoHS Compliance	• RoHS Compliant		
Forms	• Pellets		
Resin ID (ISO 1043)	• >ASA<		

Properties [1]

Physical	Nominal Value	Unit	Test Method
Density (73°F)	1.09	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (220°C/10.0 kg)	9.0	cm³/10min	ISO 1133
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress (Yield)	7830	psi	ISO 527-2/50
Tensile Stress (Break)	5800	psi	ISO 527-2/50
Tensile Strain (Break)	30	%	ISO 527-2/50
Flexural Modulus [2]	377000	psi	ISO 178
Flexural Stress [2]	11600	psi	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength (73°F)	3.8	ft·lb/in²	ISO 179
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (264 psi, Unannealed)	203	°F	ISO 75-2/A
Deflection Temperature Under Load (264 psi, Annealed)	230	°F	ISO 75-2/A
Vicat Softening Temperature	241	°F	ISO 306/B50
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