

ACRYREX® CM-211G

CHI MEI CORPORATION - *Polymethyl Methacrylate Acrylic*

General Information

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Europe	• North America
	• Asia Pacific	• Latin America	
RoHS Compliance	• RoHS Compliant		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density (73°F)	1.19	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	16	g/10 min	ISO 1133
Water Absorption (24 hr, 73°F)	0.30	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	967	psi	ISO 527-2/5
Tensile Strain (Break)	7.0	%	ISO 527-2/5
Flexural Stress ²	1380	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	0.95	ft-lb/in ²	ISO 180/1A
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (M-Scale)	84		ISO 2039-2
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Annealed)	194	°F	ISO 75-2/A
Vicat Softening Temperature	217	°F	ISO 306/A50
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.06 in)	HB		UL 94
Optical	Nominal Value	Unit	Test Method
Light Transmittance (118.1 mil)	92.0	%	ISO 13468

Notes

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

² 0.079 in/min

