



## ACRYREX® PG-383D

CHI MEI CORPORATION - Polymethyl Methacrylate Acrylic

Sunday, November 3, 2019

### General Information

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

### ASTM & ISO Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	2.5	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	7830	psi	ISO 527-2/50
Tensile Strain (Break)	6.0	%	ISO 527-2/50
Flexural Modulus <sup>2</sup>	1.19E+7	psi	ISO 178
Flexural Stress <sup>2</sup>	11900	psi	ISO 178
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	223	°F	ISO 306/A50
Optical	Nominal Value	Unit	Test Method
Refractive Index	1.587		
Transmittance	89.0	%	
Color, Yellowness Index	-2.00		ASTM E308

#### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

<sup>2</sup> 0.079 in/min