



ACRYREX® PG-383D

CHI MEI CORPORATION - Polymethyl Methacrylate Acrylic

Sunday, November 3, 2019

General Information

General

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

ASTM & ISO Properties¹

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

Notes

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

² 0.079 in/min