

General PMMA ACRYREX® CM-205

Product Description: High viscosity

Properties	ASTM Test Method	Test Condition	Unit	CM-205
Melt Flow Index	D1238	230°C, 3.8 Kg	g/10 min	1.8
		220°C, 10 Kg		-
Mass Density	D792	23 °C	-	1.19
Hardness	D785	-	M Scale	91
Tensile Strength (Yield)	D638	6 mm/min	Kg/m ²	750
			lb/in ²	10600
Tensile Elongation	D638	6 mm/min	%	7.4
Flexural Strength	D790	2.8 mm/min	Kg/m ²	1200
			lb/in ²	17000
Flexural Modulus	D790	2.8 mm/min	10 ⁴ Kg/m ²	-
			10 ⁵ lb/in ²	-
Izod Impact Strength	D256 (Notched)	6.4 mm, 23°C	Kg-cm/cm	2.0
			ft-lb/in	0.37
		3.2 mm, 23°C	Kg-cm/cm	-
			ft-lb/in	-
Vicat Softening Temp.	D1525	1 Kg, 50°C/hr	°C	115
			°F	239
Heat Distortion Temp.	D648	Annealed	°C	-
			°F	-
		Unannealed	°C	102
			°F	216
Flammability	UL-94	-	-	1.5mm HB

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Notes: These are typical properties only and are not to be construed as specifications. Users should confirm results by their own tests.

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