

General PMMA ACRYREX[®] Characteristics CM-205

特性 PROPERTIES	測試方法 ASTM TEST METHOD	測試條件 TEST CONDITION	單位 UNIT	一般級 GENERAL
				CM-205
熔融指數 Melt Flow Index	D1238	230 °C, 3.8 Kg	g/10 min	1.8
比重 Mass Density	D792	23 °C	-	1.19
假比重 Bulk Density	D1182		g/cm ³	0.7
吸水率 Water Absorption	D570		%	0.3
成型收縮率 Mould Shrinkage	D955		%	0.2~0.6
硬度 Hardness	D785	-	M Scale	95
折射率 Refractive Index	D542			1.491
全光透過率 Light Transmission	D1003		%	92
拉伸強度 (斷裂) Tensile Strength (Break)	D638	6 mm/min	Kg/cm ²	750
			lb/in ²	10600
延伸率 Tensile Elongation	D638	6 mm/min	%	10
彎曲強度 Flexural Strength	D790	2.8 mm/min	Kg/cm ²	1200
			lb/in ²	17000
IZOD 衝擊強度 Izod Impact Strength	D256 (Notched)	6.4 mm, 23°C	Kg-cm/cm	2.0
			ft-lb/in	0.37
維氏軟化溫度 Vicat Softening Temp.	D1525	1 Kg, 50 °C/hr	°C	115
			°F	239
熱變形溫度 Heat Distortion Temp.	D648	Unannealed	°C	102
			°F	216
UL 燃燒等級 UL Flammability	UL 94	-	-	1.5 mm 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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