

## PMMA ACRYREX® CM-205M

Product Description 產品敘述: High viscosity, Higher flow compared to CM-205

物性 Properties	ISO 測試方法 ISO Test Method	測試條件 Test Condition	單位 Unit	CM-205M
熔融指數 Melt Flow Index	1133	230°C×3.8KG	ml/10 min	3.0
比重 Mass Density	1183	23 °C	g/cm <sup>3</sup>	1.19
拉伸強度 Tensile Strength	527	5 mm/min, yield 5 mm/min, break	MPa	68 68
延伸率 Tensile Elongation	527	5 mm/min	%	12
彎曲強度 Flexural Strength	178	2 mm/min	MPa	103
彎曲彈性模數 Flexural Modulus		2 mm/min	GPa	2.8
IZOD 衝擊強度 Izod Impact Strength	180/1A	23 °C Notched -30 °C Notched	KJ/m <sup>2</sup>	2 -
Charpy 衝擊強度 Charpy Impact Strength	179	23 °C Notched -30 °C Notched	KJ/m <sup>2</sup>	2 -
維氏軟化溫度 Vicat Softening Temp.	306	1 Kg, 50 °C/hr 5 Kg, 50 °C/hr	°C	117 109
熱變形溫度 Heat Distortion Temp.	75/A	1.8 MPa Unannealed 1.8 MPa Annealed	°C	97 106
線膨脹係數 Coefficient of Linear Thermal Expansion	11359	-	-	6 X 10-5
燃燒等級 Flammability	-	UL-94	-	1.5mm HB
成型收縮率 Mold Shrinkage	294-4	-	%	0.2~0.6
標記 Symbol	1043	-	-	>PMMA<

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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 test

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