CHI MEI CORPORATION

PMMA, ACRYREX CM-205G

Typical Characteristics

特性 Properties	測試方法 Test Method	測試條件 Test Condition	單位 Unit	CM-205G
流動係數 Melt Flow Index	ASTM D1238	Cond.I, 230℃×3.8kg	g/10min	1.8
軟化點 Vicat Softening Point	ASTM D1525	1/8”, 50℃/hr	℃(˚F)	113(235)
熱變形溫度 Heat Distortion Temp.	ASTM D648	1/4”, 120℃/hr	℃(˚F)	100(212)
引張強度 Tensile Strength	ASTM D638	1/8”, 6mm/min	Kg/cm^2 (lb/in^2)	720(10200)
延伸率 Tensile Elongation	ASTM D638	1/8”, 6mm/min	%	5.0
彎曲強度 Flexural Strength	ASTM D790	1/4”, 2.8mm/min	Kg/cm^2 (lb/in^2)	1100(15600)
硬度 Hardness	ASTM D785	1/4”	M Scale	97
IZOD 衝擊強度 Izod Impact Strength	ASTM D256	1/4”, 23℃	Kg-cm/cm (ft-lb/in)	2.0(0.37)
比重 Specific Gravity	ASTM D792	23℃		1.19
吸水率 Water Absorption	ASTM D570	25℃, 24hrs	%	0.3
全光透光率 Light Transmission	ASTM D1003	1/8”	%	92

燃燒率 Flammability	UL 94	-	-	1/16” HB