



CHI MEI CORPORATION

59-1 SAN CHIA, JEN TE, TAINAN COUNTY, TAIWAN R.O.C.

TEL: 886-6-266-5000,

FAX: 886-6-266-5555~7

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°C×3.8kg	g/10min	1.8
軟化點 Vicat Softening Point	ASTM D1525	1/8", 50°C/hr	°C (°F)	113(235)
熱變形溫度 Heat Distortion Temp.	ASTM D648	1/4", 120°C/hr	°C (°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°C	Kg-cm/cm (ft-lb/in)	2.0(0.37)
比重 Specific Gravity	ASTM D792	23°C		1.19
吸水率 Water Absorption	ASTM D570	25°C, 24hrs	%	0.3
全光透光率 Light Transmission	ASTM D1003	1/8"	%	92

燃燒率 Flammability	UL 94	-	-	1/16" HB
---------------------	-------	---	---	----------

The data are intended as a general guide only and do not necessarily represent results that may be obtained elsewhere.

For further information, please contact your local agent or fax to Chi Mei Technical Services Dept. at 886-6-2665555