



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 |

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