

Handan Shibo New Materials Co.,Ltd.

PMMA CM-205G

Properties	Test Method	Test Condition	Unit	CM-205G
Melt Flow Index	ASTM D1238	Cond.I, 230°C×3.8kg	g/10min	1.8
Vicat Softening Point	ASTM D1525	1/8", 50°C/hr	°C(·F)	113(235)
Heat Distortion Temp.	ASTM D648	1/4", 120°C/hr	°C(·F)	100(212)
Tensile Strength	ASTM D638	1/8", 6mm/min	Kg/cm ² (lb/in ²)	720(10200)
Tensile Elongation	ASTM D638	1/8", 6mm/min	%	5.0
Flexural Strength	ASTM D790	1/4", 2.8mm/min	Kg/cm ² (lb/in ²)	1100(15600)
Hardness	ASTM D785	1/4"	MScale	97
Izod Impact Strength	ASTM D256	1/4", 23°C	Kg-cm/cm (ft-lb/in)	2.0(0.37)
Specific Gravity	ASTM D792	23°C		1.19
Water Absorption	ASTM D570	25°C, 24hrs	%	0.3
Light Transmission	ASTM D1003	1/8"	%	92
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.