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CHIMEI
a step up

PMMA ACRYREX® CM-205

Product Description: High viscosity

Properties	ISO Test Method	Test Condition	Unit	CM-205
Melt Flow Index	1133	230℃×3.8KG	ml/10 min	1.9
Mass Density	1183	23 ℃	g/cm³	1.19
Tensile Strength	527	5 mm/min, yield	MPa	70
		5 mm/min, break	MPa	70
Tensile Elongation	527	5 mm/min	%	12
Flexural Strength	178	2 mm/min	MPa	103
Flexural Modulus		2 mm/min	GPa	2.8
Izod Impact Strength	180/1A	23℃, Notched	KJ/m²	2
		-30℃, Notched	KJ/m²	–
Charpy Impact Strength	179	23 ℃ Notched	KJ/m²	2
		-30 ℃ Notched	KJ/m²	–
Vicat Softening Temp.	306	1 Kg,50 ℃/hr	℃	115
		5 Kg,50 ℃/hr	℃	107
Heat Distortion Temp.	75/A	1.8 MPa Unannealed	℃	95
		1.8 MPa Annealed	℃	104
Coefficient of Linear Thermal Expansion	11359	-	-	6 X 10-5
Flammability	-	UL-94	-	1.5mm HB
Mold Shrinkage	294-4	-	%	0.2~0.6
Symbol	1043	-	-	>PMMA<