



CHI MEI CORPORATION

59-1 SAN CHIA, JEN TE, TAINAN COUNTY, TAIWAN

TEL: 886-6-266-5000,

FAX: 886-6-266-5555~7

PMMA ACRYREXX[®] Characteristics

November 7, 2005 VIW

Properties	ISO	DIN	Test Condition	Unit	CM-205	CM-207	CM-211
MVI	1133	-	220 x10kg	ml/10min	4.6	26	53
MFI	ASTM D1238	-	230 x3.8kg	g/10min	1.8	8.0	16
Vicat Softening Temp.	306	53460	50 /hr;1kg		119	105	101
			50 /hr;5kg		103	98	93
			120 /hr;1kg		116	108	104
			120 /hr;5kg		108	101	96
H.D.T / A	75	53461	1.8 MPa,unanneal		87	82	78
			1.8 MPa,anneal		106	101	98
Izod Impact Strength	180/1A	-	Notched	KJ/m ²	2	2	2
	180/1C	-	Unnotched	KJ/m ²	21	18	17
Charpy Impact	179		Notched	KJ/m ²	2	2	2
			Unnotched	KJ/m ²	26	20	23
Impact Flexual Test	179/2C	53453	Notched	KJ/m ²	2	2	2
	179/2D	53453	Unnotched	KJ/m ²	22	17	18
Tensile Strength	527	53455	50mm/min,yield	MPa	73	71	68
			50mm/min,break	MPa	73	64	67
Tensile Elongation	527	53455	50 mm/min	%	10	10	10
Flexural Strength	178	53452	2 mm/min	MPa	103	97	95
Flexural Modulus	178	53452	2 mm/min	GPa	2.8	2.7	2.7
Ball Indentation Hardness	2039-1	53456	H358/30		158	151	148
Flammability	-		-	UL-94	1/16"HB	1/16"HB	1/16"HB
Mass Density	1183	53479-A	23	-	1.19	1.19	1.19

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