PMMA PROPERTIES

ACRYREX®

CHI MEI CORPORATION

Typical Properties of CM 211

Typical Properties	ISO	DIN	Condition	Units	ACRYREX CM 211
Product Description					**Low viscosity**
MFI	ASTM D1238	-	230 °C X 3,8 kg	g / 10min	**16**
Vicat Softening Temp.	306	53460	50 °C / hr ; 1 kg	°C	**101**
			50 °C / hr ; 5 kg	°C	**93**
			120 °C / hr ; 1 kg	°C	**104**
			120 °C / hr ; 5 kg	°C	**96**
HDT / A	75	53461	1.80 Mpa, unanneal	°C	**78**
			1.80 Mpa, anneal	°C	**98**
Izod Impact	180 / 1A	-	Notched	Kj / m²	**2**
	180 / 1C	-	Unnotched	Kj / m²	**17**
Charpy Impact	179		Notched	Kj / m²	**2**
			Unnotched	Kj / m²	**23**
Impact flexural test	179/2C	53453	Notched	Kj / m²	**2**
	179/2D	53453	Unnotched	Kj / m²	**18**
Tensile Strength	527	53455	50 mm / min, yield	MPa	**68**
			50 mm / min, break	MPa	**67**
Tensile Elongation	527	53455	50 mm / min	%	**10**
Flexural Strength	178	53452	2 mm / min	Mpa	**95**
Flexural Modulus	178	53452	2 mm / min	Gpa	**2,7**
Ball Identation Hardness	20391-	53456	H358/30		**148**
Flammability	-	-	-	UL – 94	**1/16" HB**
Mass Density	1183	53479-A	23 °C	gr / cm³	**1,19**

The above data are based on the injection test specimens and represent a general guide only.