

Typical Properties of CM 207

Typical Properties	ISO	DIN	Condition	Units	ACRYREX CM 207
Product Description					Medium viscosity
MFI	ASTM D1238	-	230 °C X 3,8 kg	g / 10min	8
Vicat Softening Temp.	306	53460	50 °C / hr ; 1 kg	°C	105
			50 °C / hr ; 5 kg	°C	98
			120 °C / hr ; 1 kg	°C	108
			120 °C / hr ; 5 kg	°C	101
HDT / A	75	53461	1.80 Mpa, unanneal	°C	82
			1.80 Mpa, anneal	°C	101
Izod Impact	180 / 1A	-	Notched	Kj / m ²	2
	180 / 1C	-	Unnotched	Kj / m ²	18
Charpy Impact	179		Notched	Kj / m ²	2
			Unnotched	Kj / m ²	20
Impact flexural test	179/2C	53453	Notched	Kj / m ²	2
	179/2D	53453	Unnotched	Kj / m ²	17
Tensile Strength	527	53455	50 mm / min, yield	MPa	71
			50 mm / min, break	MPa	64
Tensile Elongation	527	53455	50 mm / min	%	10
Flexural Strength	178	53452	2 mm / min	Mpa	97
Flexural Modulus	178	53452	2 mm / min	Gpa	2,7
Ball Identification Hardness	20391-	53456	H358/30		151
Flammability	-	-	-	UL – 94	1/16" HB
Mass Density	1183	53479-A	23 °C	gr / cm ³	1,19

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