

Typical Properties of PM-600

Typical Properties	ISO	DIN	Condition	Units	ACRYSTEX PM 600
MVI	1133	-	220 °C x 10 kg	g / 10min	21
Vicat Softening Temp.	306	53460	50 °C / hr ; 1 kg	°C	103
			50 °C / hr ; 5 kg	°C	94
			120 °C / hr ; 1 kg	°C	105
			120 °C / hr ; 5 kg	°C	100
HDT / A	75	53461	1.80 Mpa, unanneal	°C	82
			1.80 Mpa, anneal	°C	97
Izod Impact	180 / 1A	-	Notched	KJ / m ²	3
	180 / 1C	-	Unnotched	KJ / m ²	12
Charpy Impact	179		Notched	KJ / m ²	2
			Unnotched	KJ / m ²	15
Impact flexural test	179/2C	53453	Notched	Mpa	68
	179/2D		Unnotched	MPa	69
Tensile Elongation	527	53455	50 mm / min	%	5
Flexural Strength	178	53452	2 mm / min	MPa	118
Flexural Modulus	178	53452	2 mm / min	GPa	3
Ball Indentation Hardness	2039-1	53456	H358/30	N/mm ²	155
Flammability	-	-	-	UL – 94	1/16” HB
Mass Density	1183	53479-A	23 °C	gr / cm ³	1,12
Product Description					High clarity Injection grade

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