

Typical Properties of PA-727

Typical Properties	ISO	DIN	Condition	Units	POLYLAC PA-727
Product Description					Electro-Plating
MVI	1133	-	220 °C X 10 kg	ml / 10min	21
Vicat Softening Temp.	306	53460	50 °C / hr ; 1 kg	°C	102
			50 °C / hr ; 5 kg	°C	96
			120 °C / hr ; 1 kg	°C	105
			120 °C / hr ; 5 kg	°C	98
HDT / A	75	53461	1.80 Mpa, unanneal	°C	83
			1.80 Mpa, anneal	°C	98
Izod Impact	180 / 1A	-	Notched	Kj / m ²	21
	180 / 1C	-	Unnotched	Kj / m ²	NB
Charpy Impact	179		Notched	Kj / m ²	23
			Unnotched	Kj / m ²	NB
Impact flexural test	179/2C	53453	Notched	Kj / m ²	18
	179/2D	53453	Unnotched	Kj / m ²	NB
Tensile Strength	527	53455	50 mm / min, yield	MPa	52
			50 mm / min, break	MPa	37
Tensile Elongation	527	53455	50 mm / min	%	15
Flexural Strength	178	53452	2 mm / min	Mpa	73
Flexural Modulus	178	53452	2 mm / min	Gpa	2,1
Ball Indentation Hardness	20391-	53456	H358/30		103
Flammability	-	-	-	UL – 94	1/16" HB
Mass Density	1183	53479-A	23 °C	gr / cm ³	1,04

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