

Typical Properties of PA-765

Typical Properties	ISO	DIN	Condition	Units	POLYLAC PA-765
Product Description					Flame Retardant, High flow
MVI	1133	-	220 °C X 10 kg	ml / 10min	49
Vicat Softening Temp.	306	53460	50 °C / hr ; 1 kg	°C	89
			50 °C / hr ; 5 kg	°C	78
			120 °C / hr ; 1 kg	°C	90
			120 °C / hr ; 5 kg	°C	80
HDT / A	75	53461	1.80 Mpa, unanneal	°C	68
			1.80 Mpa, anneal	°C	90
Izod Impact	180 / 1A	-	Notched	Kj / m ²	17
	180 / 1C	-	Unnotched	Kj / m ²	NB
Charpy Impact	179		Notched	Kj / m ²	20
			Unnotched	Kj / m ²	NB
Impact flexural test	179/2C	53453	Notched	Kj / m ²	12
	179/2D	53453	Unnotched	Kj / m ²	NB
Tensile Strength	527	53455	50 mm / min, yield	MPa	39
			50 mm / min, break	MPa	34
Tensile Elongation	527	53455	50 mm / min	%	10
Flexural Strength	178	53452	2 mm / min	Mpa	55
Flexural Modulus	178	53452	2 mm / min	Gpa	1.8
Ball Indentation Hardness	20391-	53456	H358/30		79
Flammability	-	-	-	UL – 94	1/16" V-0 1/10" 5VA
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.