

General SAN KIBISAN® PN-117C

Product Description: High flow

Properties	ASTM Test Method	Test Condition	Unit	PN-117C
Melt Flow Index	D1238	200°C, 5 Kg	g/10 min	5.0
		220°C, 10 Kg		-
Mass Density	D792	23 °C	-	1.06
Hardness	D785	-	M Scale	83
Tensile Strength (Yield)	D638	6 mm/min	Kg/cm ²	670
			lb/in ²	9495
Tensile Elongation	D638	6 mm/min	%	3.7
Flexural Strength	D790	2.8 mm/min	Kg/cm ²	960
			lb/in ²	13600
Flexural Modulus		2.8 mm/min	10 ⁴ Kg/cm ²	3.4
			10 ⁵ lb/in ²	4.9
Izod Impact Strength	D256 (Notched)	6.4 mm, 23°C	Kg-cm/cm	1.7
			ft-lb/in	0.31
		3.2 mm, 23°C	Kg-cm/cm	1.8
Vicat Softening Temp.	D1525	1 Kg, 50°C/hr	°C	104
			°F	219
Heat Distortion Temp.	D648	Annealed	°C	100
			°F	212
		Unannealed	°C	90
			°F	194
Flammability	UL-94	-	-	1.5mm HB

September 20, 2023

Notes: These are typical properties only and are not to be construed as specifications. Users should confirm results by their own tests.

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