

General SAN KIBISAN® PN-117C

Product Description: High flow

Properties	ISO Test Method	Test Condition	Unit	PN-117C
Melt Flow Index	1133	220°C×10KG	ml/10 min	58
Mass Density	1183	23 °C	g/cm ³	1.06
Tensile Strength	527	50 mm/min, yield	MPa	67
		50 mm/min, break	MPa	67
Tensile Elongation	527	50 mm/min	%	6
Flexural Strength	178	2 mm/min	MPa	89
Flexural Modulus		2 mm/min	GPa	2.7
Izod Impact Strength	180/1A	23 °C Notched	KJ/m ²	2
		-30 °C Notched	KJ/m ²	-
Charpy Impact Strength	179	23 °C Notched	KJ/m ²	2
		-30 °C Notched	KJ/m ²	-
Vicat Softening Temp.	306	1 Kg,50 °C/hr	°C	104
		5 Kg,50 °C/hr	°C	102
Heat Distortion Temp.	75/A	1.8 MPa Unannealed	°C	89
		1.8 MPa Annealed	°C	100
Coefficient of Linear Thermal Expansion	11359	-	-	3.6~3.8*10 ⁻⁵
Flammability	-	UL-94	-	1.5mm HB
Mold Shrinkage	294-4	-	%	0.2~0.7
Symbol	1043	-	-	>SAN<

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

Công ty TNHH Thương Mại Dịch Vụ Toàn Đại Hưng
Số 9, Đường số 7, Cư Xá Bình Thới, Phường 8, Quận 11, Tp.HCM
Tel: (028) 39622857 – 39627761 – 39623270
Fax: 84-28 3962 0989
E-mail: toandaihung@hcm.fpt.vn
Website: www.toandaihung.com.vn

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