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General SAN KIBISAN® PN-117

Product Description: Injection molding

Properties	ISO Test Method	Test Condition	Unit	PN-117
Melt Flow Index	1133	220℃×10KG	ml/10 min	32
Mass Density	1183	23 ℃	g/cm³	1.06
Tensile Strength	527	50 mm/min, yield	MPa	68
		50 mm/min, break	MPa	68
Tensile Elongation	527	50 mm/min	%	6
Flexural Strength	178	2 mm/min	MPa	93
Flexural Modulus		2 mm/min	GPa	3.0
Izod Impact Strength	180/1A	23℃, Notched	KJ/m²	2
		-30℃, Notched	KJ/m²	–
Charpy Impact Strength	179	23 ℃ Notched	KJ/m²	2
		-30 ℃ Notched	KJ/m²	–
Vicat Softening Temp.	306	1 Kg,50 ℃/hr	℃	104
		5 Kg,50 ℃/hr	℃	102
Heat Distortion Temp.	75/A	1.8 MPa Unannealed	℃	89
		1.8 MPa Annealed	℃	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 test

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