

General ASA KIBILAC® PW-957

Product Description: Injection

Properties	ISO Test Method	Test Condition	Unit	PW-957
Melt Flow Index	1133	220°C×10KG	ml/10 min	23.0
Mass Density	1183	23 °C	g/cm ³	1.07
Tensile Strength	527	50 mm/min, yield	MPa	46
		50 mm/min, break	MPa	33
Tensile Elongation	527	50 mm/min	%	20
Flexural Strength	178	2 mm/min	MPa	67
Flexural Modulus		2 mm/min	GPa	2.2
Izod Impact Strength	180/1A	23 °C Notched	KJ/m ²	9.0
		-30 °C Notched	KJ/m ²	5.0
Charpy Impact Strength	179	23 °C Notched	KJ/m ²	10.0
		-30 °C Notched	KJ/m ²	5.0
Vicat Softening Temp.	306	1 Kg,50 °C/hr	°C	105
		5 Kg,50 °C/hr	°C	94
Heat Distortion Temp.	75/A	1.8 MPa Unannealed	°C	80
		1.8 MPa Annealed	°C	97
Coefficient of Linear Thermal Expansion	11359	-	-	9x10-5
Flammability	-	UL-94	-	1.5mm HB
Mold Shrinkage	294-4	-	%	0.4~0.7
Symbol	1043	-	-	>ASA<

January 16, 2017

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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General ASA KIBILAC® Characteristics PW-957

特性 PROPERTIES	測試方法 ASTM TEST METHOD	測試條件 TEST CONDITION	單位 UNIT	一般級 GENERAL
				PW-957
熔融指數 Melt Flow Index	D1238	220 °C, 10 Kg	g/10 min	23
比重 Mass Density	D792	23 °C	-	1.07
硬度 Hardness	D785	-	R Scale	105
拉伸強度 (屈服) Tensile Strength (Yield)	D638	6 mm/min	Kg/cm ²	440
			lb/in ²	6240
延伸率 Tensile Elongation	D638	6 mm/min	%	55
彎曲強度 Flexural Strength	D790	2.8 mm/min	Kg/cm ²	650
			lb/in ²	9180
彎曲彈性模數 Flexural Modulus	D790	2.8 mm/min	10 ⁴ Kg/cm ²	2.2
IZOD 衝擊強度 Izod Impact Strength	D256 (Notched)	6.4 mm, 23°C	Kg-cm/cm	15
			ft-lb/in	2.7
		3.2 mm, 23°C	Kg-cm/cm	16
			ft-lb/in	2.9
維氏軟化溫度 Vicat Softening Temp.	D1525	1 Kg, 50 °C/hr	°C	105
			°F	221
熱變形溫度 Heat Distortion Temp.	D648	Annealed	°C	95
			°F	203
		Unannealed	°C	85
			°F	185
UL 燃燒等級 UL Flammability	UL 94	-	-	1.5 mm HB

May 2, 2013

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