

General Q resin KIBITON® Characteristics PB-5903

特性 PROPERTIES	測試方法 ISO TEST METHOD	測試條件 TEST CONDITION	單位 UNIT	一般級 GENERAL
				PB-5903
熔體流動速率 MVR	1133	200 °C, 5 Kg	g/10 min	10
質量密度 Mass Density	1183	23 °C	g/cm ³	1.01
拉伸強度 Tensile Strength	527	50mm/min,yield;4mm	MPa	27
		50mm/min,break;4mm	MPa	19
延伸率 Tensile Elongation	527	50mm/min,yield;4mm	%	2
		50mm/min,break;4mm	%	199
彎曲強度 Flexural Strength	178	2mm/min;4mm	MPa	36
彎曲彈性模數 Flexural Modulus	178	2mm/min;4mm	MPa	1400
IZOD 衝擊強度 Izod Impact	180/1A	23°C, Notched	KJ/m ²	3.0
		-30°C, Notched	KJ/m ²	-
Charpy 衝擊強度 Charpy Impact	179	23°C, Notched	KJ/m ²	2.8
		-30°C, Notched	KJ/m ²	-
		23°C, Notched	KJ/m ²	72
		-30°C, Notched	KJ/m ²	-
維氏軟化溫度 Vicat Softening Temp.	306	50°C/hr, 1KG, 4mm	°C	86
		50°C/hr, 5KG, 4mm	°C	64
熱變形溫度 Heat Distortion Temp.	75/A	1.86Kg, 4mm, unannealed	°C	66
		1.86Kg, 4mm, annealed	°C	75

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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.

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