

General Q resin KIBITON® Characteristics PB-5903

特性 PROPERTIES	測試方法 TEST METHOD	測試條件 TEST CONDITION	單位 UNIT	一般級 GENERAL
				PB-5903
熔融指數 Melt Flow Index	ISO 1133	200 °C, 5 Kg	ml/10 min	10
比重 Mass Density	ISO 1183	23 °C	g/cm ³	1.01
拉伸強度 Tensile Strength	ISO 527	50 mm/min,yield;4 mm	MPa	27
		50 mm/min,break;4 mm	MPa	19
延伸率 Tensile Elongation	ISO 527	50 mm/min,break;4 mm	%	2
		50 mm/min,break; 4 mm	%	199
彎曲強度 Flexural Strength	ISO 178	2 mm/min;4 mm	MPa	36
彎曲彈性模數 Flexural Modulus	ISO 178	2 mm/min;4 mm	GPa	1400
IZOD 衝擊強度 Izod Impact Strength	ISO 180/1A	23 °C Notched	Kj/m ²	2.3
Charpy 衝擊強度 Charpy Impact Strength	ISO 179	23 °C Notched	Kj/m ²	2.8
		23 °C Unotched	Kj/m ²	72
維氏軟化溫度 Vicat Softening Temp.	ISO 306	1 Kg,50 °C/hr;4 mm	°C	93
		5 Kg,50 °C/hr;4 mm	°C	70
		1 Kg,120 °C/hr;4 mm	°C	89
		5 Kg,120 °C/hr;4 mm	°C	68
熱變形溫度 Heat Distortion Temp.	ISO 75	1.86 Kg;4 mm	°C	71
		1.86 Kg;4 mm	°C	83

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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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