

## General Q resin KIBITON® Characteristics PB-5903

特性 PROPERTIES	測試方法 ASTM TEST METHOD	測試條件 TEST CONDITION	單位 UNIT	一般級 GENERAL
				PB-5903
熔融指數 Melt Flow Index	D1238	200 °C, 5 Kg	g/10 min	10
比重 Mass Density	D792	23 °C	-	1.02
硬度 Hardness	D2240	-	Shore D	71
濁度 Haze	D1003			1.5
全光透過率 Light Transmission	D1003		%	90.5
拉伸強度 (屈服) Tensile Strength (Yield)	D638	50 mm/min	Kg/cm <sup>2</sup>	290
			lb/in <sup>2</sup>	4120
彎曲強度 Flexural Strength	D790	2.8 mm/min	Kg/cm <sup>2</sup>	340
			lb/in <sup>2</sup>	4830
彎曲彈性模數 Flexural Modulus	D790	2.8 mm/min	10 <sup>4</sup> Kg/cm <sup>2</sup>	1.4
IZOD 衝擊強度 Izod Impact Strength	D256 (Notched)	6.4 mm, 23 °C	Kg-cm/cm	2.4
			ft-lb/in	0.44
維氏軟化溫度 Vicat Softening Temp.	D1525	1 Kg, 50 °C/hr	°C	84
			°F	183
熱變形溫度 Heat Distortion Temp.	D648	Annealed	°C	70
			°F	158

May 2, 2013

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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