

CHIMEI

a step up

奇美實業股份有限公司
717010 台南市仁德區中正路一段 398 號
+886-6-266-3000
www.chimeicorp.com

CHIMEI CORPORATION
No. 398 , Sec. 1 , Zhongzheng
Rd., Rende Dist., Tainan City
717010 , Taiwan

Q resin KIBITON® PB-5903

Product Description: Injection molding, High transparency

Properties	ISO Test Method	Test Condition	Unit	PB-5903
Melt Flow Index	1133	200°C×5KG	ml/10 min	10
Mass Density	1183	23 °C	g/cm ³	1.01
Tensile Strength	527	50 mm/min, yield	MPa	27
		50 mm/min, break	MPa	19
Tensile Elongation	527	50 mm/min	%	2
Flexural Strength	178	2 mm/min	MPa	36
Flexural Modulus		2 mm/min	GPa	1400
Izod Impact Strength	180/2A	23°C, Notched	KJ/m ²	2.3
		-30°C, Notched	KJ/m ²	–
Charpy Impact Strength	179	23°C, Notched	KJ/m ²	2.8
		Charpy -30°C, Notched	KJ/m ²	–
Vicat Softening Temp.	306	50°C/hr;1KG	°C	93
		50°C/hr;5KG	°C	70
Heat Distortion Temp.	75/A	1.8MPa, unannealed	°C	71
		1.8MPa, annealed	°C	83
Coefficient of Linear Thermal Expansion	11359	-	-	-
Flammability	-	UL-94	-	-
Mold Shrinkage	294-4	-	%	-
Symbol	1043	-	-	>SBC<

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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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