ESCO GROUP

EGYPTIAN SAUDI COMPANY FOR PLASTIC

Manufacturer: CHI MEI CORPORATION

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/cm³	1.01
		50 mm/min, yield	MPa	27
		50 mm/min, break	MPa	19
Tensile Elongation	527	50 mm/min	%	2
Flexural Strength		2 mm/min	MPa	36
Flexural Modulus		2 mm/min	GPa	1400
Izod Impact Strength	180/2A	23 °C Notched	KJ/m²	2.3
		-30 °C Notched	KJ/m²	-
Charpy Impact Strength	179	23 °C Notched	KJ/m²	2.8
		-30 °C Notched	KJ/m²	-
		1 Kg,50 °C/hr	°C	93
		5 Kg,50 °C/hr	°C	70
		1.8 MPa Unannealed	°C	71
		1.8 MPa Annealed	°C	83
Coefficient of Linear	11359	-	-	-
Flammability	-	UL-94	-	-
Mold Shrinkage	294-4	-	%	-
Symbol	1043	-	-	>SBC<

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