

General PC WONDERLITE® PC-110

Product Description: Medium viscosity

Properties	ISO Test Method	Test Condition	Unit	PC-110
Melt Flow Index	1133	300°C × 1.2KG	ml/10 min	10
Spiral flow	CHIMEI	260°C, 2mm, V:50%, P:50%	cm	—
Mass Density	1183	23 °C	g/cm ³	1.2
Tensile Strength	527	50 mm/min, yield	MPa	65
		50 mm/min, break	MPa	75
Tensile Elongation	527	50 mm/min	%	120
Flexural Strength	178	2 mm/min	MPa	90
Flexural Modulus		2 mm/min	GPa	2.4
Izod Impact Strength	180/4A	23 °C, 1/8" Notched	KJ/m ²	75
		-30 °C, 1/8" Notched	KJ/m ²	-
Charpy Impact Strength	179	23 °C, 1/8" Notched	KJ/m ²	75
		-30 °C, 1/8" Notched	KJ/m ²	-
Vicat Softening Temp.	306	1 Kg, 50 °C/hr	°C	150
		5 Kg, 50 °C/hr	°C	145
Heat Distortion Temp.	75/A	1.8 MPa Unannealed	°C	128
		1.8 MPa Annealed	°C	143
Dielectric Constant	IEC 60250	1MHz	--	—
Volume Resistivity	IEC 60093	--	Ohm X m	—
Surface Resistivity	IEC 60093	--	Ohm	—
Coefficient of Linear Thermal Expansion	11359	-	-	6.0~8.0x10 ⁻⁵
Flammability	-	UL-94	-	2.5mm V-2
Mold Shrinkage	294-4	-	%	0.5~0.7
Symbol	1043	-	-	>PC<

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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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