

Flame Retardant PC WONDERLITE® PC-6600

Product Description: PCR material 60% content, 1.0mm V-0, Opaque

Properties	ISO Test Method	Test Condition	Unit	PC-6600 G60
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/cm3	1.2
Tensile Strength	527	50 mm/min, yield	MPa	55
		50 mm/min, break	MPa	60
Tensile Elongation	527	50 mm/min	%	125
Flexural Strength	178	2 mm/min	MPa	85
Flexural Modulus		2 mm/min	GPa	2.1
Izod Impact Strength	180/4A	23 °C Notched	KJ/m2	60
		-30 °C Notched	KJ/m2	—
Charpy Impact Strength	179	23 °C Notched	KJ/m2	60
		-30 °C Notched	KJ/m2	—
Vicat Softening Temp.	306	1 Kg, 50 °C/hr	°C	148
		5 Kg, 50 °C/hr	°C	140
Heat Distortion Temp.	75/A	1.8 MPa Unannealed	°C	120
		1.8 MPa Annealed	°C	—
Dielectric Constant	IEC 60250	1MHz	--	3
Volume Resistivity	IEC 60093	--	Ohm X m	—
Surface Resistivity	IEC 60093	--	Ohm	—
Coefficient of Linear Thermal Expansion	11359	--	--	—
Flammability	--	UL-94	--	1.0mm V-0 2.0mm 5VB 3.0mm 5VA
Mold Shrinkage	294-4	--	%	0.4~0.6
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 tests.

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