

Flame Retardant WONDERLOY® PC-860

Product Description: UV Stabilized

Properties	ISO Test Method	Test Condition	Unit	PC-860
Melt Flow Index	1133	260°C×5KG	ml/10 min	22
Spiral flow	CHIMEI	260°C,2mm, V:50%,P:50%	cm	-
Mass Density	1183	23 °C	g/cm ³	1.13
Tensile Strength	527	50 mm/min, yield	MPa	52
		50 mm/min, break	MPa	52
Tensile Elongation	527	50 mm/min	%	110
Flexural Strength	178	2 mm/min	MPa	80
Flexural Modulus		2 mm/min	GPa	2.2
Izod Impact Strength	180/1A	23°C, Notched	KJ/m ²	50
		-30°C, Notched	KJ/m ²	16
Charpy Impact Strength	179	23°C, Notched	KJ/m ²	50
		-30°C, Notched	KJ/m ²	16
Vicat Softening Temp.	306	50°C/hr;1KG	°C	126
		50°C/hr;5KG	°C	119
Heat Distortion Temp.	75/A	1.8MPa, unannealed	°C	102
		1.8MPa, annealed	°C	-
Dielectric Constant	IEC 60250	1MHz	--	3.1
Volume Resistivity	IEC 60093	--	Ohm X m	1E+16
Surface Resistivity	IEC 60093	--	Ohm	1E+16
Coefficient of Linear Thermal Expansion	11359	-	-	8*10 ⁻⁵
Flammability	-	UL-94	-	1.5mm HB
Mold Shrinkage	294-4	-	%	0.4~0.6
Symbol	1043	-	-	>PC+ASA<

January 12, 2024

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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