

■ **PC Flame Retardant FR1100**

FR1100 is a kind of high transparent halogen-free flame retardant that specially used for PC resin. The main composition is organic fluorine derivatives.

■ **Product Form**

White powder

■ **Applications**

Used in pure PC or PC with pigment to upgrade the PC flame retardant rating to UL94 V0, <1.6mm.

■ **[Physical Property]**

		UNIT	SETTING
SETTING	Moisture	%	<0.2
	Bulk Density	g/cm ³	1.17
	Melting Point	°C	273.5
	Solubility	%	5

■ **Product Features**

Environmental safety, free of Bromine, Chlorine and Phosphorus;
 Very low level addition (0.08%-0.1%), high flame retardant efficiency;
 Little impact on the physical properties of PC (<5%);
 Little impact on the transparency of products;
 Excellent thermal stability, TGA decomposition temperature (5%) is in 480°C.

■ **Processing Guide**

Add directly or converted into 1-4% Masterbatch by twin-screw extruder at a minimum 280°C processing temperature.



FR1100

■ **Quality Guarantee Period & Storage**

1 year, store in cool dry and sun block condition

■ **Packaging**

25Kgs per Iron Drum.

■ **Safety Data Sheet**

Please refer to the MSDS provided by our company.

- ☞ Product category code / FR1100
 - ☞ The data above is the experimental determination value based on our test standard. To ensure the characteristics of the product, please consider other experimental data.
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