



Plastic & polymer additives and solution supplier
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Technical Data Sheet

ProFlame[®] PN1500C

Specially for PBT

ProFlame-PN1500C is formulated flame retardant based on organic phosphorus component. It is suited for both GF-reinforced and unreinforced PBT system. The PBT compounds exhibit very good physical and electrical properties with PN1500C. We specially design columned granule appearance, this will be helpful to reduce dust, and make material easy to dispersing and feeding.

Technical Data:

Items	Spec
Appearance	White free-flowing powder/columned granule
Decomposition Temperature, °C	≥350
Average particle size, um(D50)	10
Moisture,%	≤0.5
Whiteness	≥95

Recommended dosage:

UL94 0.8- 1.6mm V0 : PBT + 30%Glass fiber + (15%-20%) PN1500C
It also can used in PA6 ,PA66 GF-reinforced system .

Processing instruction:

1. Pre-drying the PBT,the moisture content should be below 0.1 % (by wt.).
2. The optimum conditions for incorporating should be determined in each individual case. Care must be taken to ensure homogeneous dispersion of all components.
3. The temperature of the polymer melt should not exceed 350 °C.
4. It is most suitable for equipment with weak shear force.
5. Do not use low-alkali or high-alkali fiberglass. High-quality non-alkali fiberglass is preferred.

Package & Storage:

Net weight 25KG Kraft bag with PE liner.

Minimum shelf life is 12 months stored in a dry and ventilated warehouse.

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