Technical Data Sheet
ProFlame® ZnO

ProFlame-ZnO is superfine zinc oxide with good dispersibility and particle size distribution after special process treatment.It is a flame retardant synergist that is safe for human health and the environment, and is increasingly being used in green, "antimony-free" applications. It is extremely effective in halogen-free intumesent flame retardant system,which can improve the structure of carbon layer, improve the stability of carbon layer, and thus improve the flame retardancy.ProFlame-ZnO is insoluble in water and thermally stable (no weight loss).

Technical Data:

Items	Spec
Appearance	White powder
ZnO content, %	≥99.70
Pb content, %	≤0.008
Cu content, %	≤0.0002
Mn content, %	≤0.0001
Cd content, %	≤0.002
Fe content, %	≤0.005
Volatile at 105°C	≤0.3
Loss on ignition,%	≤0.2
Water-soluble substance	≤0.1
Insoluble substance in HCl,%	≤0.006
PH value	7.0-7.8
Particle size D50,um	≤1.0

Package & Storage

ZnO is packed in bag with PE linker , net weight 25.0kg .

Store in a dry and ventilated warehouse.Minimum shelf life is 2 months under proper stored condition.

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