



Plastic & polymer additives and solution supplier  
E:info@novistagroup.com I : www.novistagroup.com

# Technical Data Sheet

## ProFlame<sup>®</sup> 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 intumescent 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.

+86-536-8206760

[info@novistagroup.com](mailto:info@novistagroup.com)

[www.novistagroup.com](http://www.novistagroup.com)

---

The information presented herein is believed to be accurate and reliable, but is presented without guarantee or responsibility on the part of Novista Group and its subsidiaries. It is the responsibility of the user to comply with all applicable laws and regulations and to provide for a safe workplace. The user should consider any health or safety hazards or information contained herein only as a guide, and should take those precautions which are necessary or prudent to instruct employees and to develop work practice procedures in order to promote a safe work environment. Further, nothing contained herein shall be taken as an inducement or recommendation to manufacture or use any of the herein materials or processes in violation of existing or future patent.