



Plastic & polymer additives and solution supplier
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Technical Data Sheet

ProFlame®SI740

SI740 is hybridization of organic-inorganic silicone which don't contain any halogens and heavy metals. Organic silsesquioxane and nano silica provide a good synergistic flame retardant effect.

Tech Spec:

Item	Index
Appearance	White powder
Main content	≥99.5%
Iron	≤5ppm
Moisture	≤0.5%
PH value(5% in water)	6.5-7.0
TGA(5% Weight Loss)	≥350°C

Usage:

As synergistic flame retardant, its dosage is around 0.5-2.0%.

- ▶ It can be used in conjunction with KSS to make flame-retardant PC.
- ▶ When used in conjunction with phosphate flame retardants, the addition of the main flame retardant can be reduced by 10-30%, such as TPP, BDP, RDP, etc
- ▶ When used in combination with traditional brominated flame retardants, the addition of main flame retardants can be reduced by 10-30%.

Packing:

Net weight: 20kg/ bag or 20kg/drum.

It is not dangerous cargo .You should handle the material according to the instruction described on MSDS.The MSDS is available from sales department once required.

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