

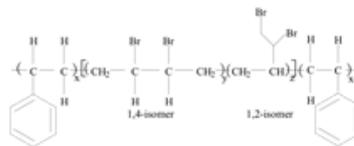
Flame Retardant

Technical Information

Description

ST-970 is a macromolecular bromine flame retardant with white powder or granular appearance, which has excellent UV stability and thermal stability.

CAS No.: 1195978-93-8

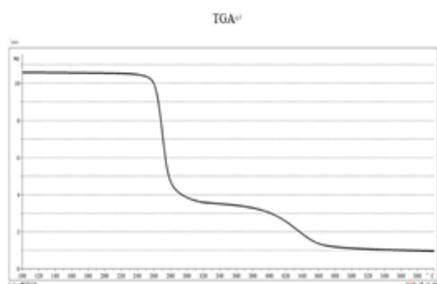


Applications

ST-970 is a brominated polymeric flame retardant, which contains aliphatic bromine like HBCD, but has a higher molecular weight (about 100,000), does not easily penetrate cell membranes, and does not easily cause harm to the human body and the environment; Once added to the external wall insulation material, it has the advantages of no frost, no migration, high thermal stability, and environmental friendliness.

Typical Properties

Typical Properties



| Specification | Request |
|------------------------|--------------|
| Appearance | White powder |
| Bromine, % \geq | 65 |
| Water content \leq % | 0.3 |
| TGA(-1%), $>$ °C | 230 |
| TGA(-5%), $>$ °C | 250 |

Storage and Handling Precautions

Storage in a dry and cool area with proper ventilation is recommended. Try to keep it sealed to prevent the mixing of water and other substances and affect the performance of the product. Wash your hands with soap after using.

Shipping Information

Not regulated

Packaging

15kg/bag, 500kg/bag, or customize according to customer requirements.

For additional handling information, please see the Material Safety Data Sheet.