

Technical Data Sheet

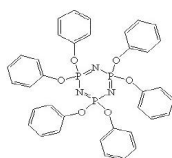
Commercial name

ST-HP100

Product Type: Halogen-free Nitrogen-Phosphorus Flame Retardant

CAS No.: 1184-10-7

Molecular Structure:



General Specification

Appearance:	White crystal
Ash Content: ≤	0.05%
Purity (HPLC): ≥	99.0%
Melting Point:	111–114 °C
Volatiles : ≤	0.5%

Application

ST-HP100 is a halogen-free nitrogen-phosphorus flame retardant with good thermal stability and low required dosage. It is mainly used in PC, PC/ABS, PPO, PA and similar polymer materials, with a recommended addition level of 3–10 parts.

It also provides good flame retardancy in epoxy resins and can be used in materials for large-scale integrated circuit packaging. Other applications include LED materials, powder coatings, potting compounds and various polymer materials.

Storage

Store in a dry and cool area with proper ventilation. Keep the package sealed and avoid contact with water or other substances that may affect product performance.

Packing

25 kg / bag