



Unilong Industry Co., Ltd

Add: No.2000 Shunhua Rd, High-Tech Zone , Jinan City, Shandong Province, China

Technical Data Sheet

Product Name:

10-(2,5-Dihydroxyphenyl)-10-hydroxy-9-oxo-10-phosphaphenanthrene-10-oxide (DOPO-HQ)

CAS: 99208-50-1

Packing: 25 kg/bag

Chemical composition:

Appearance	White powder
Content	≥99.0%
Phosphorus content	≥9.5%
Chloride ppm	≤50
Iron ion ppm:	≤20

Application: DOPO-HQ, as a derivative of DOPO, is widely used as a new generation of halogen-free, environmentally friendly and green reactive flame retardant.

DOPO-HQ is mainly applied in various polymer materials such as flame-retardant epoxy resins, special functional polymers, polyamides, luminescent materials, modified materials, polyurethanes, as well as in materials like plastics for electronic devices and circuit boards.

Solubility: Readily soluble in DMSO and DMF, soluble in methanol and acetone, insoluble in toluene and petroleum ether