

Flame retardant Plamtar-DOPO-HQ

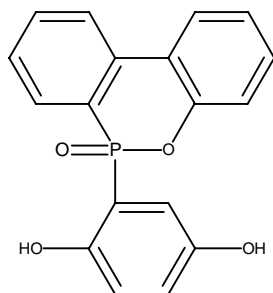
Chemical name: 6-(2, 5-Dihydroxyphenyl)-6H-dibenz [c, e] [1, 2] oxaphosphorine-6-oxide

Molecular formula: C₁₈H₁₃O₄P

Molecular weight: 324

CAS No.: 99208-50-1

Structural formula:



PHYSICAL PROPERTIES

Appearance: White or off white flakes

Melting point: 247-253 °C

Solubility (g/100g solvent), @20 °C

Water: Insoluble

THF: Soluble

DMF: Soluble

Methanol: Soluble

Specific gravity (g/cm³), @25 °C:1.40

Ethanol: Soluble

Isopropanol: Soluble

Acetone: Soluble

MEK: Soluble

SPECIFICATIONS

Appearance: White or off white flakes

Melting point: 247-253 °C

Assay: 99.0% min

Water content: 0.2% max

Phosphate content: 9.6% min

APPLICATIONS

Plamtar-DOPO-HQ is a new phosphate halogen-free flame retardant, for high quality epoxy resin such as PCB, to replace TBBA, or adhesive for semiconductor, PCB, LED and so on. Intermediate for synthesis of reactive flame retardant

PACKING

25kg/bag