

Flame retardant Plamtar-BDDP

Chemical name: Tetrabromobisphenol A bis (2, 3-dibromopropyl ether)

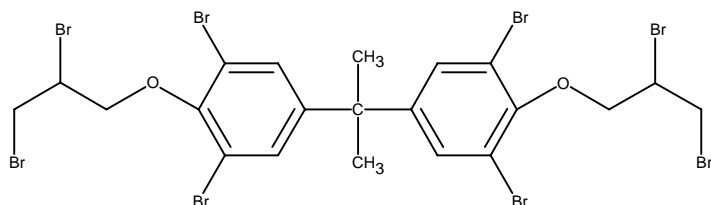
Equivalent: SAYTEX HP-800 (Albemarle)/PE-68 (Chemtura)/ FR-720 (ICL)

Molecular formula: C₂₁H₂₀ Br₈O₂

Molecular weight: 943.6

CAS No.: 21850-44-2

Structural formula:



PHYSICAL PROPERTIES

Appearance: White powders

Melting range: 105 ~ 115 °C

Solubility (g/100g solvent), @20 °C

Water: Insoluble

Acetone: Soluble

Boiling point: Not available

Specific gravity (g/cm³), @20 °C: 2.2

Alcohols: Insoluble

benzene: Soluble

SPECIFICATIONS

Appearance: White powders

Melting range: 105 ~ 115 °C

Bromine content: 66.0% min

Loss on drying: 0.50% max

Assay: 94% min

Whiteness: 85.0 ° min

Carbonized temperature: 240 °C min

Acetone insoluble: 0.10% max

APPLICATIONS

Plamtar-BDDP is an "additive-type" flame retardant containing both aromatic and aliphatic bromine with optimal thermal stability. It is very effective in PP and in HIPS at low dosage. It is usually used with antimony trioxide for maximum flame performance.

PACKING

25kg/bag