

Flame retardant Plamtar-TTBPC

Chemical name:

Tris (tribromophenyl) cyanurate Tris (tribromophenoxy) triazine;
2, 4, 6-tris (2,4,6-tribromophenoxy)-1,3,5 triazine

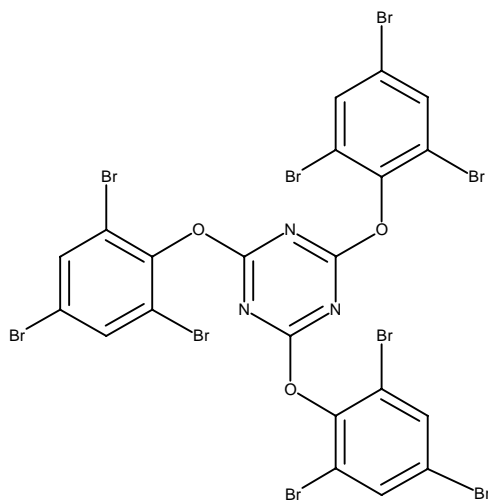
Equivalent: FR245 (ICL)

Molecular formula: C₂₁H₆Br₉N₃O₃

Molecular weight: 1067

CAS No.: 25713-60-4

Structural formula:



PHYSICAL PROPERTIES

Appearance: White powders

Melting point: 230 °C

Solubility (g/100g solvent), @20 °C

Water: Insoluble

Methanol: 0.2

Tetrachloride methane: 17

Bulk packed density (g/cm³), @25 °C:2.44

Toluene:28

MEK:4

SPECIFICATIONS

Appearance: White powders

Assay: 98.0%

Melting range: 230 °C min

Nitrogen: 4%

Bromine content: 67.0%

Decomposition temperature: 310 °C

Volatiles:0.1% max

APPLICATIONS

Plamtar-TTBPC is a brominated cyanurate additive flame retardant. The combination of aromatic bromine and cyanurate provides high FR efficiency and good thermal stability. A major use of Plamtar-TTBPC is in ABS and HIPS. It combines good UV, impact and flow properties. It is non-blooming.

PACKING

25kg/bag