

## Technical Data Sheet

### Halogenated Flame Retardant

**Commercial name:** ST 1300

**Chemical name:** Benzene,1,1'-(1-Methylethylidene) Bis (3,5-Dibromo-4-(2,3-dibromo-2methylpropyl ))

**EINEC No.** 306-832-3

**CAS No.:** 97416-84-7

**FORMULA:** C<sub>23</sub>H<sub>24</sub>Br<sub>8</sub>O<sub>2</sub>

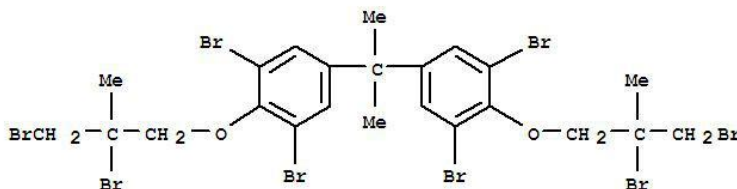
**Molecular Weight:** 971.66746

**Synonyms:**

2,2-Bis[3,5-dibromo-4-(2,3-dibromo-2-methylpropoxy)phenyl]propane;

2,2-Bis[3,5-dibromo-4-(2,3-dibromo-2-methylpropyloxy)phenyl]propane

**Molecular Structure:**



**General Specification**

Appearance:	White powder / Granular
Assay:	96.0% Min.
Bromine Content:	65.0% Min.
Melting Point:	105°C Min.
Loss on Drying :	0.30% Max

**Application:**

ST 1300 is one effective flame-retardant, widely for Polystyrene foam, Extruded Polystyrene Foam (XPS) and Expanded Polystyrene (EPS).

**Storage:** In a cool, dry, well ventilated area away from incompatible materials.

**Packing:** 25kg / 1000kg Bag or as requirement