

# Flame retardant Plamtar-TBSBPE

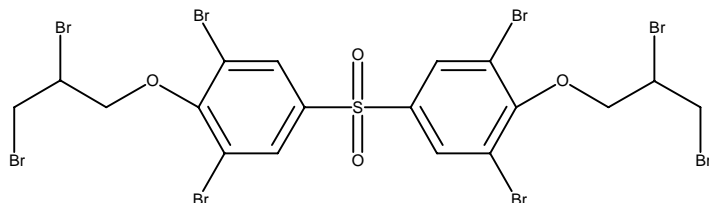
**Chemical name:** Tetrabromobisphenol S Bis-(2, 3-Dibromopropyl) Ether,  
3,5-dibromo-4-(2,3-dibromopropoxy)diphenyl sulfone

**Molecular formula:** C<sub>18</sub>H<sub>14</sub>Br<sub>8</sub>O<sub>4</sub>S

**Molecular weight:** 965.6

**CAS No.:** 42757-55-1

**Structural formula:**



## PHYSICAL PROPERTIES

Appearance: White powders

Melting range: 115~120 °C

Solubility (g/100g solvent), @25 °C

*Water:* Not available

*Ethyl oxide:* Not available

Boiling point: Not available

Specific gravity (g/cm<sup>3</sup>), @20 °C: Not available

*Methanol:* Not available

## SPECIFICATIONS

Appearance: White powders

Melting point: 115 ~ 120 °C min

Bromine Content: 65.0% min

Free bromine: 50 ppm max

Loss on drying: 0.10% max

Carbonization temperature: 250 °C min

## APPLICATIONS

Plamtar-TBSBPE is used for plastic as flame-retardant, widely for PP, PE, PS, ABS resin rubber

## PACKING:

25kg/bag