

Flame retardant Plamtar-DBDPE

Chemical name: DecaBromo DiPhenyl Ethane; 1, 2-bis (pentabromophenyl) Ethane

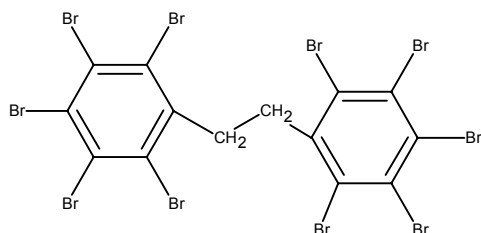
Equivalent: SAYTEX 8010 (Albemarle)/ Firemaster 2100 (Chemtura)

Molecular formula: C₁₄H₄Br₁₀

Molecular weight: 971.23

CAS No.: 61262-53-1& 84852-53-9

Structural formula:



PHYSICAL PROPERTIES

Appearance: White powder

Melting range: 345 °C

Solubility (g/100g solvent), @25 °C

Water : <0.01

Methanol: <0.01

Acetone: <0.01

Flash point: Not available

Specific gravity (g/cm³), @20 °C: 3.25

Methylbenzene: <0.01

Chlorobenzene: <0.01

Dichloromethane: <0.01

SPECIFICATIONS

Appearance: White powders

Whiteness: 90.0 ° min

Bromine content: 81.0% min

Free Bromine: 10 ppm max

Melting point: 340 °C min

Average particle size: 3.00 µm max

Moisture: 0.10% max

APPLICATIONS

Plamtar-DBDPE has a good thermal stability and high bromine content making it a prime candidate for high temperature applications. It can be used in a wide range of high performance applications. In particular it finds use in styrene polymers, engineering resins, wire & cable and elastomers.

Plamtar-DBDPE is not acutely toxic and teratogenic, no harmful to the environment can be used in the formulation of products meeting European dioxin ordinances.

PACKING

25kg/bag