

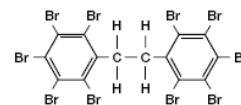


Decabromodiphenyl Ethane(DBDPE)

G'sal OFR

Description

Product Name : Decabromodiphenyl Ethane (DBDPE)
 Equivalent Name : Albermarle Saytex 8010 ; Chemtura Fire-master 2100R ; Dead Sea FR-1410
 Cas No. : 84852-53-9
 Molecular Weight : 971.23



Application

It is used in high-impact polystyrene, engineering plastics, wires and cables, insulator, elastomer and thermoset plastics etc.
 HIPS, PE, PP, ABS, PBT, UPE, Epoxy

Benefits and Features

It is very good thermal stability and high bromine content making it a prime candidate for high temperature applications. It exhibits good UV resistance and hence is suitable for use in many applications requiring color stability. Because of its very good thermal stability and low blooming characteristics, flame retardant is suitable for use in systems where recycling is anticipated. DBDPE flame retardant is not acutely toxic, it is not teratogenic, and it is not harmful to fish. DBDPE flame retardant can be used in the formulation of products meeting European dioxin ordinances.

Typical Properties

Appearance white powder.
 Bromine %.....81-82
 Melting point °C..... 340 min.
 Brightness %87 min.
 Free Br ppm.....10 max.
 Particle size(D₅₀) um..... 5 max.
 Volatile %..... 0.1 max.
 TGA
 1% weight loss 314°C
 5% weight loss 344°C
 10% weight loss 359°C
 50% weight loss402°C
 90% weight loss 423°C

These properties are typical but do not constitute a specification either in part or as a whole.
 Specification data is available on request from sales, customer service or customer technical service.

Shipping Information

Transportation classification: No regulated for transportation.
 Packing: 25kg/bag; 1mt/pallet; 20mt/20'FCL

More information

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