



EcoFlameRetardant-B-543

TETRABROMOBISPHENOL A

Chemical Name: Tetrabromobisphenol A

Brand Name: EcoFlameRetardant B-543

Equivalent Grade: BA-59P

CAS NO.: 79-94-7

Chemical formula: C₁₅H₁₂Br₄O₂

Molecular Weight: 543.7

Application:

EcoFlameRetardant B-543 is a brominated aromatic flame retardant used in thermoplastic and thermoset resin systems and used extensively in the manufacture of flame retardant printed circuit boards found in most electrical appliances.

EcoFlameRetardant B-543 is also used as an intermediate to make other flame retardants.

About Brominated Carbon Oligomers:

Brominated carbonate oligomers (which use TBBA as a raw material) are used to flame retard thermoplastic resin systems such as polybutylene terephthalate (PBT) and certain grades of polycarbonate (PC).

Technical Data Sheet

Analysis Item	Specification	Analysis result
Appearance	White powder	White powder
Moisture %	0.2 max	0.062
Melting Point °C	179 min	179.6
Organic Bromide %	58 min	58.13
Color APHA in 20% methanol	15 max	10-15

Packing:

EcoFlameRetardant B-543 is packed in 25kg paper bag, 40 bags on pallet, or Jumbo bags, total 20Mt per 20'FCL.

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