

Phenoxy-terminated carbonate oligomer of Tetrabromobisphenol A

Chemical Name: Phenoxy-terminated carbonate oligomer of Tetrabromobisphenol A

Grade Name: EcoFlame B-52

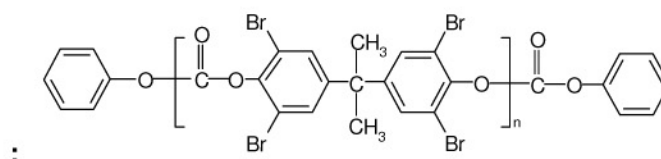
Equivalent Brand: BC-52

Molecular Formula: (C₇H₅O₂).(C₁₆H₁₀Br₄O₃)_n.(C₆H₅O)

Molecular Weight: Oligomer.

CAS NO.: 94334-64-2

Chemical Structuer:



Application:

EcoFlame B-52 is a brominated, aromatic flame retardant for thermoplastic resin systems. It is a white powder, offers excellent thermal stability, good UV stability and color.

EcoFlame B-52, unique combination of properties makes it a suitable flame retardant in PBT, PET, PBT/PET blends, PC, ABS, ABS/PC blends, Polysulfone and SAN. The UV stability of BPC-52 allows it to be formulated for applications subjected to indoor fluorescent and casual outdoor sunlight exposure. In addition, EcoFlame B-52 high purity makes it a solid choice for applications requiring excellent electrical and thermal properties.

Technical Data Sheet:

Item		Specifications	Analysis result
Appearance		White powder	White powder
Whiteness	ISO	95 min	95.8
Melting Point	°C	190-220	190-220
Bromine	%	52 Min	52.2
Volatile	%	0.2 Max	0.18
Weight Loss 1 %		375°C	375.6

Packing:

EcoFlame B-52 was packed in 25kg paper bag, 40 bags on pallet, total 20Mt per 20'FCL.

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