



EcoFlameRetardant-B-52

Phenoxy-Terminated Carbonate Oligomer of Tetrabromobisphenol A

Chemical Name: Phenoxy-Terminated Carbonate Oligomer of Tetrabromobisphenol A

Brand Name: EcoFlameRetardant B-52

Equivalent Brand: BC-52

CAS NO.: 94334-64-2

Molecular Formula: $(C_7H_5O_2).(C_{16}H_{10}Br_4O_3)_n.(C_6H_5O)$

Molecular Weight: Oligomer

Application:

EcoFlameRetardant 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.

EcoFlameRetardant 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, EcoFlameRetardant B-52's 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	375.6

Packing:

EcoFlameRetardant B-52 is packed in 25kg paper bag, 40 bags on pallet.

Total 20Mt per 20'FCL.