

Brominated Flame Retardants

Grade	Chemical Name	Br %	RoHS	Description and Application
Bromo DB-81	Decabromodiphenyl Ethane	81	Yes	High bromine, cost effective flame retardant for W&C, hose, textile coatings, electronic parts. Replacement for Bromo DB-82.
Bromo DB-82	Decabromodiphenyl Oxide	82	No	High bromine flame retardant for W&C, textile coatings, elastomers. Effective in polyolefins, styrenics, polyamides, HIPS, polyesters.
Bromo TB-64	Tetrabromobisphenol A	64	Yes	Aromatic flame retardant finding application in circuit boards and electrical appliances. Also FR intermediate.
Bromo HF-28	Blend of Flame Retardants	58*	Yes	Alternate for Bromo HB-64; high efficiency, non-blooming, and thermally stable; used with polyolefins, PP, TPO, and HDPE.
Bromo HF-16	Blend of Flame Retardants	49*	Yes	Alternate for Bromo HB-64; lowest bromine; high efficiency, non-blooming, and thermally stable; used with polyolefins, PP, TPO, HDPE.
Bromo HB-64	Hexabromocyclododecane	64	No	High purity FR for expanded PS and other styrenic systems. Also used in other thermoset and thermoplastic applications.
Bromo PS-66A	Brominated Polystyrene	66	Yes	Outstanding thermal and electrical properties. Non-blooming additive for PET, PBT, and polyamides.
Bromo PS-66B	Brominated Polystyrene	66	Yes	Excellent for high temperature applications, with outstanding thermal stability. Used in PET, PBT, and polyamides; non-blooming.
Bromo TB-67	1,2-Bis (tetrabromophthalimido) ethane	67	Yes	Outstanding thermal and UV stability, heat sealability, and wet electrical properties for W&C. Used with polyolefins, polyamides, and polyesters.
Bromo TBB-67	Tetrabromobisphenol A bis (dibromopropylether)	67	Yes	Excellent FR properties particularly in PP homopolymer and copolymer. Use in electronic parts.
Bromo TBI-65	Tris (2,3-dibromopropyl) isocyanurate	65	Yes	Low volatility, and used in polyurethane, ABS, polyesters, and synthetic rubber.

*Combined % of Bromine, Phosphorous, and Nitrogen

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