

**Chemical name:** Tetrabromobisphenol-A

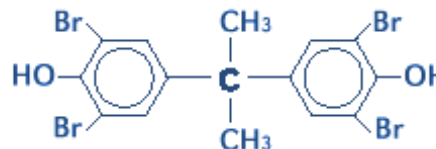
**Formula:**



**CAS Number:** 79-94-7

**%Br:** 58.5

**MW:** 543.7



**General & Use:**

FR-1524, tetrabromobisphenol-A is widely used as a reactive flame retardant in the manufacture of epoxy, phenolic and polycarbonate resins. It is exceptionally suitable where low colour and high clarity are mandatory. It is also cost-effective as an additive flame retardant in applications such as ABS and is an important intermediate in the preparation of more sophisticated flame retardants.

**For health & safety matters please refer to MSDS**

**Typical Properties:**

Appearance	WHITE CRYSTALLINE POWDER	
	Min.	Max.
Bromine Content %	58.5	
Specific Gravity	2.17	
Assay (HPLC) %	99	
Melting Point °C	181	
Moisture (Karl Fischer) %	0.1	
Color APHA in Methanol 20%	10	
Bromides ppm	75	

**Thermogravimetric Analysis, (10 °C/minute, air)**

Weight loss (%)	°C
2	285
5	305
10	315

**Solubility**

Solvent	g/100 g at 25°C
Acetone	240
Benzene	0.3
Methanol	92
Water	0.01

Please note that the values indicated do not constitute specification limits. To obtain current specifications, refer to your local Sales Office/Representative or DSBG Head Office at address herein.

**Storage and Handling:**

TBBA is stable over long periods of storage. Store in a dry, cool, ventilated area. Avoid inhalation, ingestion and contact with the skin and eyes.

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