

# BA-59P™

## Halogenated Flame Retardant

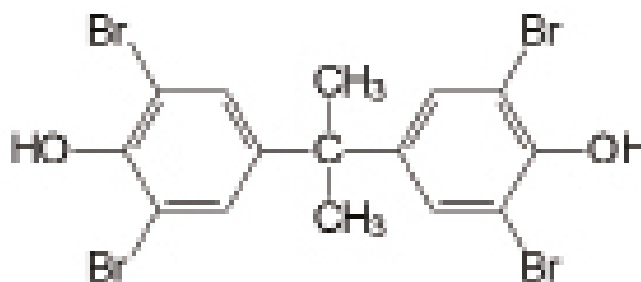
**BA-59P™** is highly effective when reacted into epoxy resin systems due to its structural compatibility, high bromine content, and thermal stability. **BA-59P™** high purity allows its use as a reactive flame retardant for polycarbonates and as an additive for styrenic thermoplastics such as ABS and high impact polystyrene.

The use of proper protective equipment is recommended. Excess exposure to the product should be avoided. Wash thoroughly after handling. Store the product in a cool, dry, well-ventilated area away from incompatible materials. Unless stated, proper storage will permit usage of the product for 6 to 12 months from the date of receipt.

**BA-59P™**, tetrabromobisphenol A, is a brominated aromatic flame retardant used in thermoplastic and thermoset resin systems.

Tetrabromobisphenol A

CAS Reg. Number [79-94-7]



## TYPICAL DATA:

Typical Properties of BA-59P™	
Appearance	Hydrogen Bromide
Bromine Content, %	AnHBr. HBr
Melting Range, °C	Hydrogen halide
Specific Gravity @ 25 °C, g/ml	10035-10-6
Bulk Loose Density @ 25 °C, g/ml	233-113-0
Bulk Packed Density @ 25 °C, g/ml	H-Br

Thermogravimetric Analysis (10 mg @ 10 OC/minute under N <sub>2</sub> )			
Weight Loss, %	5	10	50
Temperature, °C	244	261	301

Solubility (g/ 100 g Solvent)			
Water	< 0.1	Toluene	6
Methylene Chloride	27	Methyl Ethyl Ketone	168
Methanol	80	Acetone	225

For additional handling and toxicological information, consult the Material Safety Data Sheet.



A company of the  
**LANXESS**  
Group

The information contained herein relates to a specific Chemtura product and its use, and is based on information available as of the date hereof. Additional information relating to the product can be obtained from the pertinent Material Safety Data Sheets. NOTHING IN THIS TECHNICAL DATA SHEET SHALL BE CONSTRUED TO CONSTITUTE A REPRESENTATION OR WARRANTY, EXPRESS OR IMPLIED, REGARDING THE PRODUCTS CHARACTERISTICS, USE, QUALITY, SAFETY, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Nothing contained herein shall constitute permission or recommendation to practice any intellectual property without the permission of the owner.

The Chemtura logo is a trademark of Chemtura Corporation or one of its subsidiaries.

Copyright © 2016 Chemtura Corporation. All rights reserved.

**North America**

+1.800.325.6252

customer.care@chemtura.com

**Europe, Middle East & Africa**

+44.161.875.3800

emea.export@chemtura.com

**South & Central America**

+55.19.3522.5000

Atendimento.cliente@chemtura.com

**Asia Pacific**

+86.21.3866.6509

orders.apac@chemtura.com

