

**Flame retardant for polymer**

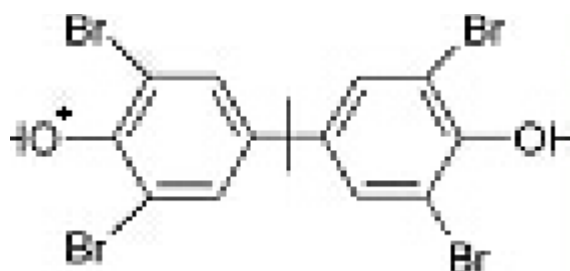
**Flame retardant**

## 1. General

TY CHEM TY101 is mainly being used for epoxy resin, polycarbonate polyester, phenol resin, polyurethane etc. also use for polystyrene, ABS, AS, unsaturated polyester as flame-retardant-additive.

## 2. Properties

Structure



CAS name	:	Tetrabromobisphenol A (TBBA)
CAS no.	:	79-94-7
Molecular formula	:	C <sub>15</sub> H <sub>12</sub> Br <sub>4</sub> O <sub>2</sub>
Molecular weight	:	543.87

## 3. Physical Data

Appearance	:	White powder
Odor	:	Odorless
Boiling point	:	N/A
Melting range	:	180 · C min
Bulk density	:	

## 4. Solubility

(g in 100 ml solvent @25 · C)

Methanol	:	<0.01
Water	:	<0.01
Methylene chloride	:	<0.01
Toluene	:	<0.01
DMF	:	<0.01
Methyl ethyl ketone	:	<0.01

## 5. Specification

Appearance	:	White powder
Melting point	:	180 · C min
Bromine content	:	58% min.
Particle size (average)	:	5 um max.



**PRODUCT DATA SHEET**  
**TY CHEM TY101**  
[WWW.TYCHEMGROUP.COM](http://WWW.TYCHEMGROUP.COM)

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Volatility : 0.1% max.