

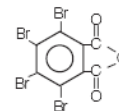


## Tetrabromophthalic Anhydride (TBPA)

**G'sal**®FR

### Description

Product Name : Tetrabromophthalic Anhydride (TBPA)  
 Equivalent Name : Albemarle Saytex RB-49; Greatlakes PHT4  
 Cas No. : 632-79-1  
 Molecular Weight : 464



### Application

Used in polyester, unsaturated polyester, epoxy resin, as a reactive flame-retardant; used in polystyrene, polypropylene, polyethylene and ABS resin, as a additive flame retardant; used in various engineering plastics to resist burning based on its excellent thermal stability.

### Benefits and Features

It is a highly efficient reactive aromatic bromine source. In some cases It's derivatives can be substituted for higher bromine-containing flame retardants , allowed for the highest level of bromine to be reacted into unsaturated polyesters at comparable monomer levels.

### Typical Properties

Appearance ..... white powder.  
 Bromine %..... 67 min.  
 Melt point °C..... 270 min.  
 Sulphate %... 0.3 max.  
 Volatile%..... 0.2 max.  
 TGA  
 1% weight loss ..... 200°C  
 5% weight loss ..... 226°C  
 10% weight loss ..... 238°C  
 50% weight loss ..... 271°C  
 90% weight loss ..... 286°C

These properties are typical but do not constitute a specification either in part or as a whole.  
 Specification data is available on request from sales, customer service or customer technical service.

### Shipping Information

Transportation classification: No regulated for transportation.  
 Packing: 25kg/bag; 1mt/pallet; 20mt/20'FCL

### More information Please Contact Us

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