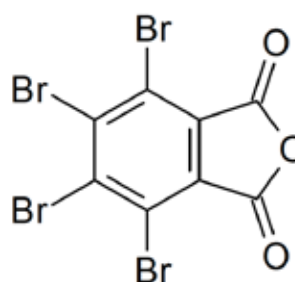


# PHT4™

## Reactive Halogenated Flame Retardant

PHT4™ is an off white crystalline powder containing approximately 68% bromine reactive intermediate.

Tetrabromophthalic Anhydride  
 CAS Reg. Number [632-79-1]



### TYPICAL DATA:

Typical Properties of PHT4™	
Appearance	Light Tan Powder
Bromine Content, %	68.2
Melting Range, °C	274 –277
Specific Gravity @ 25 °C, g/ml	2.9
Bulk Loose Density @ 25 °C, g/ml	1.37
Bulk Packed Density @ 25 °C, g/ml	2.09

Thermogravimetric Analysis (10 mg @ 10 °C/minute under N <sub>2</sub> )			
Weight Loss, %	5	10	50
Temperature, °C	229	242	277

Solubility (g/ 100 g Solvent)			
Water	< 0.1	Toluene	6
Methylene Chloride	1	Methyl Ethyl Ketone	2.6
Methanol	1.6		

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

**PHT4™** has primarily been used as a flame retardant in the production of unsaturated polyester resins. Its derivatives have been used as flame retardants in applications as diverse as rigid polyurethane polyols, wire coatings and wool.

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.



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