Tetrabromophthalic Anhydride(TBPA)

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 ℃…	270 min.
Sulphate %…	20 max.
Volatile%	0.2 max.

TGA

1% weight loss	200℃
5% weight loss	226℃
10% weight loss	238℃
50% weight loss	271℃
90% weight loss	286℃

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

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