

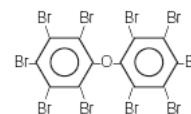


## Decabromodiphenyl Oxide(DBDPO)

**G'sal**®FR

### Description

Product Name : Decabromodiphenyl Oxide(DBDPO)  
 Equivalent Name : Chemtura DE-83; Albermarle Saytex 102E; Dead Sea FR-1210  
 Cas No. : 1163-19-5  
 Molecular Weight : 959.2



### Application

It is a kind of broad-spectrum, high efficiency fire retardant with the features of low additive quantity. It is widely used in rubber, textile, electronic, plastic industry etc. Especially used in HIPS, PE, PP, ABS, PBT, UPE, Epoxy, Nylon6, Textiles etc.

### Benefits and Features

It is a prime candidate for most applications due to its overall performance and cost effectiveness. Its good thermal stability makes it a candidate for applications in which resistance to high temperature is required. Because of its high bromine content it is highly effective in achieving desired levels of flame retardancy. It has been extensively studied to determine its toxicological character and its safety has been demonstrated through many years of use.

### Typical Properties

Appearance .....	white powder.
Assay (by HPLC)% .....	97 min.
Bromine (theoretical) % .....	82-83
Melt range °C .....	300-310
Whiteness % .....	92 min.
Free Br ppm .....	10 max.
Average particle size (µm) .....	5.0 max.
Volatile % .....	0.10 max.
TGA	
1% weight loss .....	290°C
5% weight loss .....	326°C
10% weight loss .....	344°C
50% weight loss .....	389°C
90% weight loss .....	408°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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