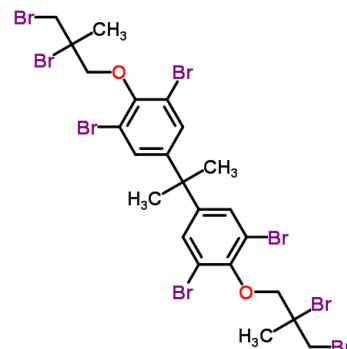


## GC MFR 66

### Tetrabromobisphenol A bis (2,3-dibromo-2-methylpropyl ether)

Chemical Formula  $C_{23}H_{24}Br_8O_2$   
CAS Registry Number 97416-84-7



**GC MFR 66** is an efficient flame-retardant for plastics and is designed for use in systems of suspension polymerization (EPS). **GC MFR 66** has good thermal stability, it is easy dispersible and it has good resistance to ultraviolet rays. **GC MFR 66** shows also good performance when applied in polyolefins and high impact PS (HIPS). **GC MFR 66** does not contain bisphenol A.

#### PHYSICAL CHEMICAL PROPERTIES

Appearance:	White Powder				
Bromine Content, %	65.0 min				
Melting Point, °C	113 ± 3				
Volatiles, %	0.3 max				
Density, g/cm <sup>3</sup>	2.079				
Purity test (5 g in 3 ml CH <sub>2</sub> Cl <sub>2</sub> )	Neutral Transparent Liquid				
TGA (10 mg @ 10°C/min under N <sub>2</sub> ) (lit.)	<table border="1"> <tr> <td>Weight loss</td><td>5 %</td></tr> <tr> <td>Temperature</td><td>265 °C</td></tr> </table>	Weight loss	5 %	Temperature	265 °C
Weight loss	5 %				
Temperature	265 °C				

#### HANDLING AND STORAGE:

The processing and use of GC MFR 66 requires adequate technical and professional knowledge. Please consult safety data sheet for further handling, storage and toxicity information.  
GC MFR 66 has to be stored in tightly sealed original container in a cool and well-ventilated area, away from direct sunlight.

#### PACKAGING:

Standard packaging size of GC MFR 66 is in 25 Kg in plastic bags.

#### IMPORTANT NOTE

Some plastic additives, fillers or pigments can significantly influence flame retardant properties of the compound. Before using these products, please be informed.  
Machine stop at high temperature could create degradation of polymers. Please clean with neutral polymers.

#### Disclaimer:

Information contained in this document is provided to the best of our knowledge and is considered true as per revision date. We do not accept any liability for loss and damage that may occur from the improper use of this information and for the use against the safety legal requirements and patent rights. This specification does not release the customer from the obligation to check the product as to its suitability for intended area of usage.