

## GC MFR 66 SFM

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

Chemical Formula CAS Registry Number C<sub>23</sub>H<sub>24</sub>Br<sub>8</sub>O<sub>2</sub> 97416-84-7



**GC MFR 66 SFM** is an efficient flame-retardant for plastics and is designed for use in systems of suspension polymerization (EPS). **GC MFR 66 SFM** has good thermal stability, it is easy dispersible and it has good resistance to ultraviolet rays. **GC MFR 66 SFM** shows also good performance when applied in polyolefins and high impact PS (HIPS). **GC MFR 66 SFM** 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 $N_2$ ) (lit.)                 | Weight loss 5 %   |
|  | Temperature 265 °C  |
| HANDLING AND STORAGE:                                      | The processing and use of GC MFR 66 SFM requires adequate technical and professional knowledge. Please consult safety data sheet for further handling, storage and toxicity information. GC MFR 66 SFM 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 SFM is in 25 Kg in plastic bags.   |
| IMPORTANT NOTE   | Some plastic additives, fillers or pigments can significantly influence<br>flame retardant properties of the compound. Before using these<br>products, please be informed.<br>Machine stop at high temperature could create degradation of<br>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 improperly 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.

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