

GC BDMP 66 SF

Reaction mass of 1,1'-(isopropylidene)bis[3,5-dibromo-4-(2,3-dibromo-2-methylpropoxy)benzene] and 1,3-dibromo-2-(2,3-dibromo-2-methylpropoxy)-5-{2-[3,5-dibromo-4-(2,3,3-tribromo-2-methylpropoxy)phenyl]propan-2-yl}benzene

EC-number 944-461-4

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

PHYSICAL CHEMICAL PROPERTIES

Appearance:	White Powder				
Bromine Content, %	65.0 min				
Free Brom, ppm	30 max				
Melting Point, °C	113 ± 3				
Volatiles, %	0.3 max				
Bulk Density, g/cm ³	1.05				
Total quantity. non-ionic surfactants, ppm	50 max				
Purity test (5 g in 3 ml CH ₂ Cl ₂)	Neutral Transparent Liquid				
Particle size distribution (D ₉₀), µm	8				
TGA (10 mg @ 10°C/min under N ₂) (lit.)	<table><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
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HANDLING AND STORAGE: The processing and use of GC BDMP 66 SF requires adequate technical and professional knowledge. Please consult safety data sheet for further handling, storage and toxicity information.

GC BDMP 66 SF 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 BDMP 66 SF 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:

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