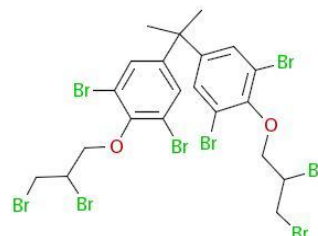


GC BDDP 68

Tetrabromobisphenol A bis (2,3-dibromopropyl ether)

Chemical Formula $C_{21}H_{20}Br_8O_2$
 Molecular Weight 943.61 g/mol
 CAS Registry Number 21850-44-2



GC BDDP 68 used for plastics as flame-retardant, is designed for use in PP (homopolymer and copolymer) and high impact polystyrene (HIPS) application.

GC BDDP 68 mainly widely for PP, resin rubber fiber high molecular material and electronic industry. Especially for PP Plastics. It is the most excellent flame-retardant for PP Plastics up to now.

PHYSICO-CHEMICAL PROPERTIES

Appearance:	White powder
Bromine content, %	67.00 min
Whiteness	92.0 min
Weight loss %	0.50 max
Carbonizing temperature °C	240 min
Insoluble substance in propane%	0.06 max
Volatile %	0.3 max
Free bromine %	Max 0.005%
Particle size	Max 80 mesh
Melting Point	106-120 °C

TGA (10 mg @ 10°C/min under N ₂)	<u>Weight Loss</u>	<u>5 %</u>	<u>10 %</u>	<u>25 %</u>
	Temperature	305 °C	312°C	328°C

HANDLING AND STORAGE: The processing and use of GC BDDP 68 requires adequate technical and professional knowledge. Please consult safety data sheet for further handling, storage and toxicity information.

GC BDDP 68 has to be stored in tightly sealed original container in a cool and well-ventilated area, away from direct sunlight.

PACKAGING: Standard pack size of GC BDDP 68 is 25 Kg in plastic bags or 1MT Big Bag.

Important note

Some plastic additives, fillers or pigments can influence significantly on flame retardant properties. Before to use the products, please be informed.

Stop machine with high temperature could create degradation of polymers. Please clean with neutral polymers.

NOTE:

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.