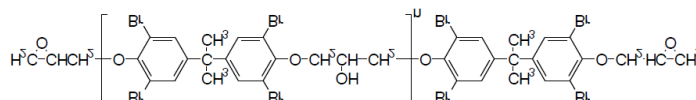


GC FR 3100

Brominated epoxy resin end-capped with tribromophenol



Chemical Formula C₆H₂OBr₃(C₁₈H₁₆O₃Br₄)_nC₉H₈O₂Br₃

CAS registry number 135229-48-0

Molecular Weight 14,000-16,000

GC FR 3100 is a high weight brominated polymeric flame retardant that finds application in a wide range of thermoplastic polymers. GC FR 3100 is an epoxy resin that shows high thermal and UV stability and is non blooming, which allows its use in technical polymers such as PBT, PET, PET/PBT blends, PC, ABS, PC/ABS blends, Polysulphone and SAN.

PHYSICAL-CHEMICAL PROPERTIES

Appearance	Pale yellow powder
Bromine content, %	52-54
Melting point, °C	170-180
Density, g/cm ³	1.85-1.90

HANDLING AND STORAGE:

The processing and use of GC FR 3100 requires adequate technical and professional knowledge. Please consult safety data sheet for further handling, storage and toxicity information.

GC FR 3100 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 FR 3100 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.

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.