

TECHNICAL DATA SHEET

NAME OF COMMODITY: Brominated Epoxy Resin

CAS NO.: 68928-70-1

MOLECULAR FORMULA: C₃₆H₃₂Br₈O₆

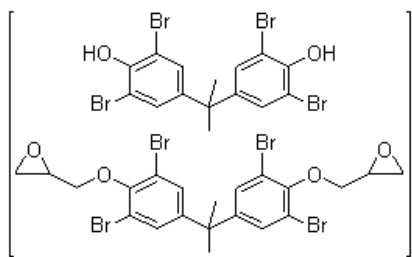
MOLECULAR WEIGHT: 1199.8677

STRUCTURE FORMULA:

UN NO.: 1186

CLASS: 3

PG: III



TESTS	SPECIFICATIONS
Appearance	Light Yellow Liquid
Bromine	19 - 22 %
Epoxy Equivalent g/eq	420 - 450
Solid Content	79 - 81%
Viscosity @ 25°C	800 - 2000 mpas
Color FE-CO	1 Max
Solvent	Acetone

APPLICATION:

Brominated Epoxy Resin produces strong flame and microbial resistance by the introduction of bromine into the molecular structure of a BPA epoxy resin. This kind of epoxy resin containing bromine content over 16% is powerful in self-extinguishing characteristics. The higher the bromine content, the better flame retardancy.

So the Brominated Epoxy Resin is widely used as flame retardant in laminated plates and in the field of electronics, potting & encapsulation, adhesives, casting, composites, tooling, civil construction, etc.

PACKING: 200kg drum, 16mt/20'fcl palletized or ISO Tank