



Specialized in chemicals

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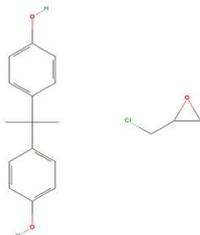
Technical Data Sheet

Epoxy Resin

Product Information

Chemical Name	Epoxy Resin
CAS #	25068-38-6
Formula	(C ₁₅ H ₁₆ O ₂ . C ₃ H ₅ ClO) _x
Molecular Weight	1283.36
Synonyms	BISPHENOL A DIGLYCIDYL ETHER RESIN

Structural formula:



Physical Properties

As one general resin, E serial epoxy resin is made of BPA and ECH. There are 3 types of products according the their Molecular weight. Low Molecular weight resin: Molecular weight 340-700, softening point<50°C, it is liquid in normal temp. Medium Molecular weight resin: Molecular weight 800-2200, softening point 50-95°C, it is solid in normal temp. high Molecular weight resin: Molecular weight >2200, softening point>100°C, it is solid in normal temp. You can choose them according to your demand.

Features: Good chemical stability, high adhesive force and excellent electrical properties.

Specification

Items	Standard	Result
Epoxy equivalent(g/eg)	184-194	185.1
Hydrolysable chlorine,wt% ≤	0.10	0.0132
Viscosity Range,mPa.s(25°C)	11000-14000	12900
Volatility wt%≤	0.20	0.024
Color(platinum-cobalt) ≤	100	20

Applications

It can be used for solventless paint, self-leveling paint, casting paint, insulation material, sealant, adhesive, coating,anti-corrosion etc.

Packaging

200 - 230kgs /iron drum, 80drums/16-17.60mts/1x20`fcl.
Or 20mts in one ISO TANK.

Storage & Handling

Placed in sealed container and kept in a cool and dry place.
Avoid strong vibration, insolation, high temperature, smoke and fire.
Shelf Life: One year
When open drums,please run it out soon!

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