



Shanghai King Chemical Co.,Ltd

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TECHNICAL DATA SHEET ®

0191 epoxy resin

0191 epoxy resin is A medium molecular weight bisphenol A type solid epoxy resin produced by the reaction of liquid epoxy resin and bisphenol A.

Introduction

0191 epoxy resin is A bisphenol A type of low melting point solid epoxy resin, can be used for polyamine, polyamide as curing agent of room temperature curing coatings and two-component baking coatings. Its curing film has excellent water resistance, drug resistance and adhesion, so it is very suitable for use as anti-corrosion coating for ships, Bridges, coastal buildings, pipelines and storage tank lining.

0191 can also be added in a small amount of heat curing acrylic resin, amino alkyd resin as a modified material for baking coatings. The addition of epoxy resin can enhance the adhesion, corrosion resistance and other properties of this kind of coating, so that it can be used as high-grade surface coating for automobiles, household appliances, etc.

Typical applications

This product is mainly suitable for the following occasions:

- General anticorrosion coatings
- Drying of the lacquer that bake
- Composite materials
- Automobile coating
- Heavy anticorrosive coatings for ships
- Floor coating
- Powder coating
- Can use coating

Typical Feature

project	The numerical
appearance	Solid, no mechanical impurities
Colour and lustre (Gardner)	1 the following (1)
Epoxy equivalent (g/mol)	450-560.
Softening point (°C)	66-76.
Hydrolyzed chlorine (%)	0.2 the following
Volatile (%), 150°C/40min	0.5 the following

(1) 40% diethylene glycol butyl ether solution

Packaging and storage

0191 solid epoxy resin is available in 25 kg kraft paper bags. This epoxy



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should be stored in its original sealed packaging and in a cool, dry place. When the ambient temperature is above 20°C, the bag 0191 resin should be stored in cold storage. Storage should be far away from high temperature fire, avoid sunlight. Under the above conditions, the epoxy resin shall maintain its chemical properties for a period of at least 12 months from the date of manufacture.

Safety and disposal

The product shall be processed, used and disposed in accordance with the relevant safety and health laws and regulations of the country and the region. For detailed information on the safety of this product, please refer to the CORRESPONDING MSDS report of this product.

contact

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statement

The above information is based on reliable data. However, the specific application occasions and application conditions are not within our control. The curing formula and curing performance are for reference only. Customers can confirm their own formula and achieve physical property data according to their own needs.

This product should be used with caution and in accordance with the laws of the relevant region or country. It is not recommended to use on critical components of medical equipment in direct contact with the human body for extended periods of time.