



Shanghai King Chemical Co.,Ltd

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TECHNICAL DATA SHEET ®

epoxy resin WXDIC 153-B

WXDIC 153-B epoxy resin is A bromine-containing flame retardant solid epoxy resin produced by the reaction of tetrabromobisphenol A and epichlorohydrin.

Introduction

WXDIC 153-B epoxy resin is a high bromine flame retardant solid epoxy resin, it has excellent flame retardant properties, suitable for semiconductor molding compounds, liquid molding compounds and packaging materials.153-B can accelerate the curing of phenolic resin, dicyandiamide derivative, various anhydride or saturated fatty acid polyester resin, its solution can be used to produce electronic laminate, and can also be used as a powder coating to improve the flame retardant performance.

Typical applications

This product is mainly suitable for the following occasions:

- Liquid molding compound
- potting
- Powder coating
- Liquid packaging material
- Marine protective coating
- The laminate
- Composite materials

Typical Features

project	The numerical
appearance	Solid, no mechanical impurities
Colour and lustre (Gardner)	2 the following
Epoxy equivalent (g/mol)	390-410.
Softening point (°C)	65-75.
Hydrolyzed chlorine (mg/kg)	100 the following
Bromine content (%)	46-50

Packaging and storage

WXDIC 153-B brominated epoxy resin is available in 25 kg kraft paper bags. This epoxy should be stored in its original sealed packaging and in a cool, dry place. When the ambient temperature is above 20°C, bag 153-B should be stored in cold storage. Keep away from high temperature fire source and 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.



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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.