**TECHNICAL DATA SHEET ®**

**Epoxy resin WXDIC 1050**

WXDIC 1050 is A low molecular weight solid epoxy resin prepared by the reaction of liquid epoxy resin and bisphenol A.

Introduction

WXDIC 1050 epoxy resin is A bisphenol A type of medium molecular weight 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 of water resistance, drug resistance, excellent adhesion, widely used in ships, Bridges, coastal buildings, pipelines, storage tank lining and other anti- corrosion fields.

1050 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 Features

|  |  |
| --- | --- |
| project | The numerical |
| appearance | Solid, no mechanical  impurities |
| Colour and lustre (Gardner) | 2 the following (1) |
| Epoxy equivalent (g/mol) | 450-500. |
| Softening point (℃) | 64-74. |
| Viscosity at 25℃ (Gardner) | D-F |

(1) 40% diethylene glycol butyl ether solution

Packaging and storage

WXDIC 1050 solid 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.The ambient temperature of storage should be 10-25℃.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 fromthedateof manufacture.

Safety and disposal Theproductshallbeprocessed,usedanddisposedinaccordancewiththerelevantsafety andhealthlawsandregulationsofthecountryandtheregion.For detailed information on the safety of this product, please refer to the CORRESPONDING MSDS report of this product.

Contact

Shanghai King Chemical Co,.Ltd

Address: ROOM CDEF, 9th Floor, Building D, Weijing Center Tower, NO.2337 GuDai Road, Minhang District, Shanghai, China 201199 Phone:+86-21-67817854

Fax: + 86-21-67817854

Web: [http://www.shkingchem.com](http://www.shkingchem.com/) |

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.