


**Aditya Birla Chemicals (Thailand) Ltd. (Epoxy Division)**
**EPOTEC YD 522**
**Description**

Epotec YD 522 is a bisphenol-A liquid epoxy resin modified with reactive diluent. This resin offers lowest viscosity in this category of products. The lower viscosity proves advantageous while formulating highly filled system. The low viscosity improves the cost effectiveness by increasing the filler loading of a formulation.

A wide variety of curing agents are available to cure this liquid epoxy resin at ambient conditions and also at elevated temperature. Sometimes systems based on this grade are post cured to improve certain characteristics such as glass transition temp.

**Applications**

- Trowelable mortars and grouts
- Self leveling flooring
- High solids and solvent free coatings
- Civil engineering applications
- Adhesives

**Specification**

Appearance	Visual	Clear, light yellow liquid
Colour	ASTM D 1544-04	0.5 G Max.
Epoxy Equivalent Weight	ASTM D 1652-04	175 - 190 g/eq
Viscosity @25°C	ASTM D 2196-05	500 - 700 cP

**Typical properties \***

Epoxide Value	ASTM D 1652-04	5.26 – 5.71
Density @25°C	ASTM D 4052	1.13 g/ml
Moisture content	ASTM E 203	0.1 % max.
Non-volatile content	TEC-AS-P-012	100 %
Flash point	ASTM D 93	120°C

\* = Typical properties are indicated for information only

**Packing**

Epotec YD 522 is packed and delivered in steel drums, 220 kg per drum as a standard pack.  
Other packs are available upon request.

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**Storage**

Epotec YD 522 resin should be stored in original tightly closed container, in dry and warm conditions. Under these conditions, it has a storage life of at least two years from the date of manufacturing.

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**Handling**

For more instructions on storage and handling of epotec YD 522 please refer to the MSDS of the product.

**Disclaimer**

All recommendations for use of our products whether given by us in writing, verbally or to be implied from the results of tests carried out by us are based on the current state of our knowledge. Although, the information contained in this sheet is accurate, no liability can be accepted in respect of such information. We warrant only that our product will meet the designated specifications and make no other warranty either express or implied, including any warranty of merchantability or fitness for a particular purpose as the conditions of application are beyond our control.

**For Additional Information, Please Contact:**

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