



ANHUI XINYUAN CHEMICAL CO.,LTD(XYCC)



No.16 Zijin Road, Circular Economy Zone, Huizhou District, Huangshan City, Anhui, China
Tel:0086-559-3515800 Fax:0086-559-3515205 E-mail: sale10@0559hy.com Website: www.0086xy.com

XY 205 、 215and225 Reactive Diluent

1. Description

Chemical name: Polyethylene glycol diglycidyl ether,

Molecular formula: $O(CH_2CH)CH_2O(CH_2CH_2O)_nCH_2(CHCH_2)O$, CAS Number: 39443-66-8

Physical and Chemical Character: Colorless to slight yellow transparent Liquid.

2. Technical Data Sheet (TDS)

Specifications	XY205	XY215	XY225
Viscosity, mPas (25°C)	25-45	40-80	70-130
Color, APHA	≤60	≤60	≤60
Epoxy value, eq/100g	0.50 - 0.55	0.35 - 0.40	0.28 - 0.34
Epoxide equivalent, (g/eq)	182-200	250-286	295-357
Hydrolyzable chloride, eq/100g	≤0.01	≤0.01	≤0.01
Inorganic chlorine, eq/100g	≤0.005	≤0.005	≤0.005
Moisture Content, %	≤0.1	≤0.1	≤0.1

3. Application

Dual functionality of epoxy resin active diluent, good flexibility, can be used for the preparation of a variety of epoxy resin casting materials, solvent-free coatings, Impregnation glue, and drop cord glue and adhesive, widely used in large and medium-sized dry-type transformers, transformer high-voltage switching components, micro-motors, capacitors and other electronic components manufacturing; also is the main components of the automotive electronic paint.

4. Packing

- Packed in 25 kg/drum or 200 kg/drum, or 1000kgs/ IBC container.
- Storage and transportation must conform to basic requirements of normal chemicals.
- Store in a cool, dry and well ventilated area. Keep away from ignition sources, heat and flame and sunlight.
- It is necessary to maintain insulated (tightly seal) after use, in order to avoid negative influence arousing from moisture absorption.

5. Please note that all information provided by XYCC or HYCC is considered accurate in certain condition. However we will not promise or bear any legal responsibility due to factors in producing and processing products. The customer should test applicability of our products fully before using it.