Xyjiao® Lep901-A
High-EEW Waterborne Epoxy Dispersion

Product Description

This product is a nonionic waterborne dispersion based on bisphenol A epoxy resin, with a high epoxy equivalent weight. It has low odor and good mechanical stability. When mixed with the corresponding curing agent, it dries rapidly and provides good adhesion, good gloss, and good resistance to corrosion, acids, alkalis and water. The product has a low volatile organic compound (VOC) content.

Technical Specifications

Appearance	Milky white liquid
Solids content (%)	50±2
Epoxy equivalent weight (g/eq), finished-product basis	1500-1700
pH	6.0-8.0
Viscosity (cps/25 °C) NDJ,3#30 rpm	500-5000

Product Features

1. High crosslink density and a dense coating film;
2. Good mechanical strength;
3. Good adhesion to various metal substrates;
4. Resistance to corrosion, strong acids and strong alkalis;
5. Good water resistance.

Typical Applications

1. Composite materials, such as glass fiber impregnation and wind turbine blades;
2. High-end protective coatings for highly corrosive environments, such as marine engineering and the chemical industry;
3. High-performance adhesives, such as for bonding metal structural components;
4. Coil impregnation for insulation.

Packaging, Storage and Transport

Store in a cool, ventilated warehouse; keep away from ignition sources and heat, and avoid prolonged storage below zero degrees Celsius. Store at 10-35 °C. If any product remains after opening, reseal tightly to avoid affecting application performance. Quality guarantee period: 1 year. Packaging: 50 kg/200 kg drums.