

TECHNICAL DATA SHEET

Graxy™ 501

Graphene Epoxy Resin

Graxy™ 501 is a type of low molecular weight solid modified epoxy resin polymerized by graphene, epoxy resin and other ingredients.

It is designed for use in the production of low zinc content (40%) anti-corrosive primers.

Advantages

- High salt spray resistance
- High adhesion
- Low zinc salt precipitation
- Health, environmental protection and sustainable development

Physical Properties

	Value	Method
Epoxide Equivalent Weight (g/eq)	3400-3500	GB/T 4612-2008
Specific Gravity	2.60	GB/T 4472-2011
Softening point (°C)	85-95	
Appearance	Powder	
Color	Gray	
Shelf Life	36 months	

Usage

- According to the formula, use solvent to dissolve Graxy™ 501.
- After Graxy™ 501 has dissolved, add zinc powder then disperse until the fineness below 50um.
- Check the viscosity and SG of the coating, then filter and pack.

Safety and Handling

Please refer to the MSDS for the most current Safety and Handling information.

Packaging and Storage

Graxy™ 500 Series products are available in 25kg sealed bag quantities.

Keep the environment temperature below 45°C.