

## TECHNICAL DATA SHEET

# Graxy™ 503

## Graphene Epoxy Resin

Graxy™ 503 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 graphene zinc 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)	2100-2200	GB/T 4612-2008
Specific Gravity	2.00	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™ 503.
- After Graxy™ 503 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.