

# Phenolic epoxy resin 631

## 1. Description

Phenolic epoxy resin 631 is a multifunctional high viscosity epoxy phenol novolac resin. This resin has multi-epoxy functionality of ~ 2.8 These additional reactive sites produce tightly cross-linked cured systems that makes 631 epoxy phenol novolac resin useful for chemical resistant coatings and elevated temperature services.

## Application

- Marine & protective coatings
- Coil Coating
- Adhesives
- Casting and Tooling
- Composites

## 3. Product parameters

Appearance	Visual	Viscous liquid
Color	ASTM D 1544-04	1.0Gmax
Epoxy equivalent	ASTM D 1652-04	170-180
Viscosity (25 °C)	ASTM D 3236-09	1100-1700cP
Hydrolyzed chlorine	ASTM D 1726-03	0.1%max
Epoxy value	ASTM D 1652-04	5.56-5.81

Density (25 °C)	ASTM D 1475-98	1.18g/ml
Water content	ASTM E 203-01	0.1%max
ECH content	TEC-AS-P-023	10ppm max
Flash point	ASTM D 93	> 150°C

#### **4. Product packaging**

This product is packed and transported in 220kg sealed iron drum.

Other packaging can be provided on request.

#### **5. Storage and precautions**

- 1). Resin should be stored in a cool and dry place, avoid rain and sun exposure.
- 2). When deploying epoxy resin, it is necessary to use it now avoid waste.
- 3). Resin storage life is generally 1 year, beyond the time limit should be tested, meet the index can still be used.

#### **Disclaimer**

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