

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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