

Solid Epoxy Resin E-17

1. Description

Solid Epoxy Resin E-17 is a high molecular weight bisphenol-A based solid epoxy resin. It is mainly used to make single pack, baking type epoxy-amino, epoxy-phenolic coatings that are used in packaging industry. This product can also be used in the manufacturing of epoxy esters, to produce industrial protective coatings

2. Application

- Can coatings
- Coil coatings
- Linings for tubes and drums
- High performance primer

3. Product parameters

| | | |
|------------------|----------------|--|
| Appearance | Visual | Clear, colourless to light yellow flakes |
| Colour | ASTM D 1544-04 | 0.5Gmax |
| Epoxy equivalent | ASTM D 1652-04 | 1750-2100 |
| Viscosity 25 | JIS-K-7233 | 2000-4000cP |
| Water content | ASTM E 203-01 | 0.5 max |
| Epoxy value | ASTM D 1652-04 | 0.48-0.57 |

| | | |
|------------------|----------------|----------------------------|
| Relative Density | ASTM D 1298 | 1.18g/cc |
| Bulk density | ASTMD 1895 | 0.50-0.65MT/m ³ |
| Softening point | ASTM D 6090-99 | 117-127 |
| Insolubles | Tec-p -050 | 30ppm max |
| Hydroxyl value | - | 2.89eq/kg |

4. Product packaging

This product is packed and transported in 25 kg nett per bag

Other packaging can be provided on request.

5. Storage and precautions

- 1). Epoxy resin should be stored in a cool and dry place.
- 2). When deploying epoxy resin, it is necessary to use it now and mix the curing agent in proper proportion to avoid waste.
- 3). Epoxy 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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