

DEX-836 X 80

Solvent Epoxy Resin

Product data

Decription

DEX-836 is a high viscosity liquid epoxy resin produced from bisphenol a and epichlorohydrin. It contains no diluents. The resin, which is pourable when warmed, is also available as a 80%(m/m) solution in xylene, wb-836x80, and an 80%(m/m) solution in xylene, wb-836x80.

Packing

- DEX-011 x 75 is packed and delivered in steel drums, 220 kg per drum as a standard pack. Other packs are available on request.

Technical Properties

| Property | Unit | Value | Test Method |
|-----------------------------------------|-----------------|------------------------|-------------|
| DEX-836 | | | |
| Epoxy group content Epoxy molar mass | MMOL/KG G/EQ | 2900-3450 (290-334) | ASTM D1652 |
| Viscosity at 25°C | M P.A.S | 2.1-3.6 | ASTM D445 |
| Color | PT/CO ≤ | 100 | ASTM D1209 |
| DEX-836 x 80 | | | |
| Epoxy group content of 100% resin | MMOL/KG | 3000-3300 | ASTM D1652 |
| Non-volatile content (solvent : xylene) | WT. % | 79 - 81 | ISO 3251 |
| DEX-836 | | | |
| Density at 25°C | KG/L | 1.18 | --- |
| Flash point (PMCC) | °C | >200 | ASTM D93 |
| DEX-836 x 80 | | | |
| Density at 25°C | KG/L | 1.13 | --- |
| Flash point of xylene | °C | 500-1000 | IP 170 |

Applications

Coal-tar extended, heavy-duty, protective coatings. Electrical castings where crack resistance under thermal cycling is required.

Storage

DEX-836 and its solutions should be stored in conditions so that moisture is excluded, preferably in the original containers kept tightly closed. Under these conditions and at normal temperatures the storage life should be at least one year.

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