

DMP-30 (环氧促进剂)

English name: DMP-30 (2,4,6-Tri(dimethylaminomethyl)Phenol)

Molecular formula: C₁₅H₂₇N₃O

molecular weight: M=265.4

C A S: 90-72-2

Physical and chemical properties: This product is a yellow viscous liquid. Boiling point: 250°C, 130~135°C (133Pa). Soluble in alcohol, benzene, acetone and cold water, slightly soluble in hot water.

Main quality indicators:

| | |
|------------------------|---------------------------------|
| Appearance: | light yellow transparent liquid |
| Color (Ghana method) | ≤6 |
| Amine value mgKOH/g | ≥ 600-630 |
| Viscosity (mPa.s 25°C) | 100-300 |

Usage:

This product can be used in organic synthesis. It can be used as an accelerator for curing agents such as polyamide, modified fatty amines, polythiols and alicyclic amines, and is widely used in the fields of anti-corrosion coatings, poured floor concrete protection and adhesives; it can be used as epoxy adhesives and laminate materials and floor sealants, acid neutralizers, and polyurethane catalysts (i.e., trimerization catalysts). Used in conjunction with epoxy resin curing agents to speed up the curing speed of epoxy resin and improve the strength of the cured product.

Instructions:

Generally, 5-15% of the amount of curing agent is added. The greater the amount added, the faster the curing will be, and the hardness of the cured product will increase (the brittleness will increase).

Packaging, transportation and storage:

1. Packed in clean 25Kg plastic drums, 200Kg plastic drums, or according to customer requirements.
2. During transportation, it should be protected from rain and sun to prevent damage to the packaging and moisture.
3. Store in cool and dry conditions, away from fire sources, strong acids, strong alkali and strong oxidants.
4. Store in a warehouse that is ventilated, dry, away from fire sources, and meets fire protection requirements.
5. Under the transportation and storage conditions that comply with the standards, the storage period is 12 months from the date of production.