

High-Quality Raw Materials for Coating Industry

HIESCAT HI-54K

Epoxy Curing Agent and Accelerator

Description

- HIESCAT HI - 54K, 2, 4, 6-Tris-(Dimethylaminomethyl) Phenol, is a versatile lewis base accelerator suitable for speeding up the cure time of epoxy curing system.
- The compatibility with polyamine and ployamide hardeners is very good.

Specification

- Appearance: Clear and Amber Liquid
- Color: Max. 3 (Gardner)
- Amine Value: 610 - 630 mgKOH/g
- Viscosity (25°C): 150 - 250 cps (Brookfield)
- Moisture Content: Max. 0.5 %
- Refractive Index (20°C): 1.5150 - 1.5200
- Specific Gravity (20°C): 0.97 - 0.99

Applications

- Sole curing agent for solvent-based and solvent-free epoxy curing system
- Accelerator for
 - Polyamine curing system
 - Polyamide and amidoamine curing system
 - Mercaptane curing system
 - Carboxylic anhydride or polysulfide curing system
- Recommended Dosage
 - As sole curing agent : 5 - 15 PHR
 - As accelerator : 0.5 - 2.0 PHR

Storage Life

- Store away from excessive heat and humidity.
- More than 12 months from manufacturing date when stored in tightly closed original container at room temperature.

Handling Precaution

- Refer to the Material Safety Data Sheet on HIESCAT HI - 54K

Packaging

- The standard packaging is 200 Kgs in 220 ℓ steel drum.
- Other sizes on request.
- Full container load is 16,000 kgs (80 drums).