Epoxy curing agents and modifiers

K54

Features and advantages:

K54 curing agent is mainly composed of 2,4, 6-tri (dimethylaminomethyl) -phenol, which is used as a general purpose Lewis base catalyst for epoxy resin system. It can be used directly as a curing agent in adhesives, but also as a catalyst for other curing agents, including amide amines, amine admixtures and polyamides, widely used in industrial coatings, poured floor concrete protection and adhesives.

K54 hardener can also be used as the catalyst of choice for liquid epoxies and liquid polysulfide systems, as connectors for welds, sealants and concrete adhesives.

In addition, K54 curing agent is also a highly efficient catalyst for curing reactions of epoxy polyriboxylic acid and its anhydride (such as pouring and laminating applications), and has a strong catalytic effect on isocyanate/polyol reactions and isocyanate trimerization (such as isocyanate foam applications).

Product specification：

Appearance	Light yellow transparent liquid
Colour	[Gardn]<3
Viscosity	25℃[mPa.s] 200
Specific gravity	25℃ 0.980
Flash point (closed cup)℃	140
Moisture content (Cassell micromoisture method) (%)	0.5
Purity (%)	97

Typical operating performance：

Curing conditions: as catalyst	10PHR
Service life (25g@25℃)(min)	40

Thermal deformation temperature (ASTM D648-264 psi)(° C)	90

Application:

Mainly used as resin curing agent, resin accelerator.

Recommended dosage:

Recommended dosage of 100g resin: 1-15

Recommended dosage of 100g resin: 0.5-5

Recommended dosage of 100g resin: 0.5-5

Packing:
25kg/ barrel.
Storage:
Avoid direct sunlight