



TECHNICAL DATA SHEET

Tech. No. LG-309

LG-309

LG-309 is a cyclic amine modified epoxy resin curing agent, mainly used in epoxy floor top coating, epoxy colored sand, epoxy grindstone, transparent electronic packaging materials and other fields. This product has the advantages of low odor, low viscosity, low VOC, light color, long service life, and good yellowing resistance. The cured paint film formed has the characteristics of high gloss, high hardness, strong adhesion, good toughness, water resistance, acid and alkali resistance, moisture resistance, birch resistance, and yellowing resistance.

1. Typical Properties:

Appearance	Light yellow clear liquid
Color (Fe-Co)	Max2
Viscosity (mPa · s/25℃)	300-500
Amine Value (mgKOH/g)	275-325
Solid Content (wt%)	100
AHEW	93-98
Ratio (Epoxy Resin with 190 Epoxide Equivalent)	100:48
specific gravity (25℃)	<1
Gel Time (100g/25℃)	20min-40min
Hardness (Epoxy Resin with 190 Epoxide Equivalent, 48h)	≥80
Glossiness	≥88
Adhesive Force	Grade 1
Tack Free Time (25℃)	2h-3h
Full Drying Time (25℃)	15h-20h

Note:

- 1) The above test data are all laboratory data at 25°C;
- 2) Typical data are obtained from standardized experimental data and represent the general performance of the product. They are for reference only and are not considered final data;
- 3) When the curing agent is in direct contact with the air, it will absorb carbon dioxide and water vapor in the air, causing crusting on the surface. All curing agent products must be sealed and stored to avoid long-term contact with the air.

2. Applications

- 1) Used for self-leveling epoxy flooring
- 2) Applied to thin coated top coat

3. Package and Storage

200L iron barrel, net weight 200kg/barrel.

Store in room temperature, well-ventilated, dry place, stay away from fire, avoid direct sunlight.

4. Storage Life:

At least 12 months from the date of manufacture in the original sealed container at ambient temperature.

