湖北领固材料技术有限公司
Hubei Advanced Materials Technology Co.,Ltd

TECHNICAL DATA SHEET

Tech. No. LG-307

LG-307

LG-307 is a polyetheramine-modified epoxy resin curing agent that does not contain nonylphenol. It is mainly used in the fields of epoxy floor topcoat curing agent and other fields. This product has the advantages of low odor, light color, low VOC, fast curing speed, and good leveling properties. The cured paint film formed has the characteristics of good gloss, high hardness, good wear resistance, good toughness, water resistance, moisture resistance, no white birch surface, no whitening or loss of luster when soaked in water.

1. **Typical Properties:**

Appearance	Light yellow clear liquid
Color（Fe-Co）	Max2
Viscosity（mPa・s/25℃）	300-500
Amine Value (mgKOH/g)	260-310
Solid Content（wt%）	100
AHEW	93-98
Ratio (Epoxy Resin with 190 Epoxide Equivalent)	100:50
specific gravity（25℃）	＜1
Gel Time（100g/25℃）	20min-40min
Hardness (Epoxy Resin with 190 Epoxide Equivalent, 48h)	≥80
Glossiness	≥95
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℃;

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 need to be sealed and stored and are not likely to be in contact with the air for a long time;

4）The construction environment temperature is 5℃-35℃, and the humidity is <80%.

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 fir, avoid direct sunlight.

4. Storage Life:

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