

Epoxy curing agent

G-582

Product Introduction:

The solvent-free epoxy curing agent G-582 is derived from a special cycloaliphatic amine modification. It has a 100% effective content. It cures at room temperature with bisphenol A/F epoxy resin and also has good compatibility with phenolic epoxy resin. It has a long operation time, high gloss of the paint film, fast surface drying speed, and superior mechanical and chemical resistance properties.

Product Features:

- √ High compressive strength
- √ Low viscosity
- √ Resistance to yellowing
- √ Solvent resistance performance

Physical properties:

G-582	Unit	Data
Color	Gardner	≤3
Solid content	%	100
Appearance		Colorless - Light yellow
Viscosity	mPa · s (25°C)	100
Amine value	mg KOH/g	315
Active hydrogen equivalent	g/mol	95

Typical characteristics:

Operation time (liquid 128 epoxy)	25°C	45 minutes
Drying time	25°C	4 hours
Setting time	25°C	8 hours
Compressive strength MPa/7 days	25°C	90 MPa
Pencil hardness/7 days	25°C	>2H
Shore hardness D/7 days	25°C	>80

Application scope:

Technical Data Sheet

- Industrial floor coatings, self-leveling, colored sand;
- Pipeline anti-corrosion;
- Acid-resistant, organic medium-resistant floor coatings.

Storage and packaging specifications:

Store in a sealed environment at room temperature. Once unopened, the storage period is 24 months. 200Kg per barrel, 1000Kg per barrel.