

Epoxy curing agent

G-580

Product Introduction:

The solvent-free epoxy curing agent G-580 is specially modified with a special cycloaliphatic amine. It has a 100% effective content. It cures with bisphenol A/F epoxy resin at room temperature and exhibits excellent scratch resistance. It has a long operation time, high gloss of the paint film, fast surface drying speed, and superior mechanical and chemical resistance.

Product Features:

- √ High compressive strength
- √ Rapid strength development
- √ Scratch resistance
- √ Solvent resistance

Physical properties:

G-580	Unit	Data
Color	Gardner	≤4
Solid content	%	100
Appearance		Colorless - light yellow
Viscosity	mPa · s (25°C)	250-550
Amine value	mg KOH/g	250-290
Active hydrogen equivalent	g/mol	115

Typical characteristics:

Operation time (liquid 128 epoxy)	25°C	43 minutes
Drying time	25°C	4 hours
Setting time	25°C	7 hours
Compressive strength MPa/7 days	25°C	95 MPa
Pencil hardness/7 days	25°C	>2H
Shore hardness D/7 days	25°C	>80

Application scope:

Technical Data Sheet

- Grinding floor
- Industrial floor coatings, self-leveling, colored sand;
- Pipeline anti-corrosion;

Storage and packaging specifications:

Store at room temperature in an airtight container. If unopened, the shelf life is 24 months. 200Kg per bucket, 1000kg per bucket.