

Epoxy curing agent

G-552

Product Introduction:

The solvent-free epoxy curing agent G-552 is specially modified with a special cycloaliphatic amine. It has 100% effective content. It cures with bisphenol A/F epoxy resin at room temperature, has low viscosity, long operation time, high gloss of the paint film, fast surface drying speed, superior gloss stability, and no disadvantages such as oil film at low temperature curing or amine white.

Performance features:

- √ High gloss
- √ Low viscosity
- √ Low-temperature amine stability
- √ Oil-free surface
- √ Rapid strength development

Physical properties:

G-552	unit	Data
Color	Gardner	≤5
Contentedness	%	100
Appearance		Colorless - Light Yellow
Viscosity	mPa · s (25°C)	250-450
Amine value	mg KOH/g	325-365
Active hydrogen equivalent	g/mol	95

Typical characteristics:

Operation time (liquid 128 epoxy) 150g	25°C	55 minutes
Drying time, 150 microns	25°C	4 hours
Setting time, 150 microns	25°C	8 hours
Compressive strength MPa/7 days	25°C	>80MPa
Pencil hardness/7 days	25°C	>2H

Shore hardness D/1 day	25°C	>80
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Application scope:

- Industrial floor coatings, self-leveling;
- Pipeline anti-corrosion;
- Acid-resistant, organic-inert floor paint.

Storage and packaging specifications:

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