

Epoxy curing agent

G-578

Product Introduction:

The solvent-free epoxy curing agent G-578 is formulated using polyetheramine amine modification. It has a 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, no oil surface at low temperatures, and excellent resistance to amine white. It also has the advantage of no oil surface at low temperatures. It promotes surface drying speed with 3-5% K54 or DMP-30.

Product Features:

- √ High gloss
- √ Low viscosity
- √ No oil surface
- √ Resistance to low-temperature amine white
- √ Rapid strength development

Physical properties:

G-578	Unit	Data
Color	Gardner	≤5
Solid content	%	100
Appearance		Colorless - Light Yellow
Viscosity	mPa · s (25°C)	200-800
Amine value	mg KOH/g	260-310
Active hydrogen equivalent	g/mol	95

Typical characteristics:

Operation time (liquid 128 epoxy) 150g	25°C	60 minutes
Drying time, 150 microns	25°C	5 hours
Setting time, 150 microns	25°C	8 hours

Compressive strength MPa/7 days	25°C	>75MPa
Pencil hardness/7 days	25°C	≥2H
Shore hardness D/1 day	25°C	>78

Application scope:

- Industrial floor coatings, self-leveling;
- Construction filling adhesive;

Storage and packaging specifications:

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