

Epoxy curing agent

G-550

Product Introduction:

The solvent-free epoxy curing agent G-550 is derived from a special cycloaliphatic amine modification. It has a 100% effective content. It cures with bisphenol A/F epoxy resin at room temperature, has low viscosity, is resistant to acid and alkali immersion, has a long operation time, a high gloss of the paint film, and exhibits superior gloss stability and no oil surface, among other advantages.

Performance Features:

- √Resistant to chemical corrosion
- √Low viscosity
- √High compressive strength
- √No oil surface
- √Resistant to high concentration sulfuric acid

Physical properties:

G-550	unit	Data
Color	Gardner	≤6
Contentedness	%	100
Appearance		brown
Viscosity	mPa · s (25°C)	350-650
Amine value	mg KOH/g	305-345
Active hydrogen equivalent	g/mol	110

Typical characteristics:

Operation time (liquid 128 epoxy) 150g	25°C	60 minutes
Drying time, 150 microns	25°C	6 hours
Setting time, 150 microns	25°C	11 hours
Compressive strength MPa/7 days	25°C	>80MPa
Pencil hardness/7 days	25°C	>2H

Shore hardness D/7 days	25°C	>80
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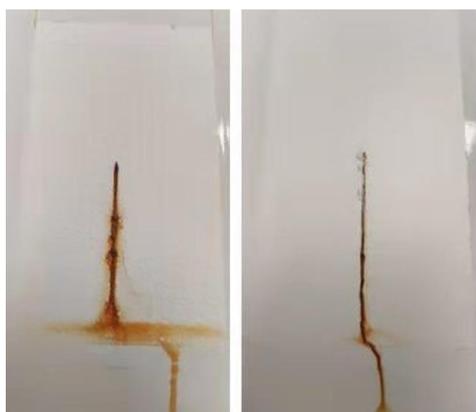
Application scope:

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

Typical data - Smoke resistance performance test, fully cured after 14 days, at 25 degrees Celsius, 60 micrometer thickness, 1500 hours of salt spray



G-220

Competitor product

Application Case - Anti-static - Chemically Corrosion Resistant Dual-Surface Self-Leveling System - G-550

