

High-solid epoxy curing agent

G-583

Product performance and features:

This product is made from standard triethylene terephthalate polyamide synthesized through multiple steps. It has a 100% effective content and excellent compatibility with bisphenol A/F and phenolic epoxy resins. The paint film has high gloss, good adhesion to various substrates, fast drying time, and superior anti-corrosion and chemical resistance properties.

√ Excellent anti-corrosion performance

√ Good flexibility

√ Good adhesion

√ No induction time

√ Long operation time

Physical properties:

	Unit	Data
Color	Gardner	≤12
Solid content	%	100
Appearance		amber
Viscosity	mPa · s (60°C)	1500-3000
Viscosity: 70% xylene solution	mPa · s (25°C)	800-1500
Amine value	mg KOH/g	260-310
Active hydrogen equivalent, 100% pure effective solid content	g/mol	180
Active hydrogen equivalent, 70% solid content	g/mol	270

Typical characteristics:

Operation time (E20 epoxy solution) 150g	25°C	>4 H
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Application scope:

- Anti-corrosion primer;
- Construction machinery;

- Ship and industrial anti-corrosion.

Storage:

Store in a sealed environment at room temperature. If unopened, the storage period is 24 months.

Packaging specifications:

190Kg per barrel, 950kg per barrel.