



广州格凌新材料股份有限公司
Guangzhou Green New Materials Co., Ltd.

Mercaptan based hardener

Approx. gel time 20 minutes

Guangzhou Green & Guangzhou Faith is a major supplier of mercaptan & mercaptan based hardener in China. Over the years, we have been consolidating our position as a technological leader in China market for rapid cure mercaptan systems. The company's capability to offer customized solution has enabled it to continuously expand its line of products and services to the industrial adhesives, consumer adhesives, water-borne electrical insulation paint and various other sectors.

Product Description

This is a mercaptan based hardener that provides gel time of approximately 20 minutes with a standard Bisphenol A epoxy resin mixed at a 1:1 ratio at ambient and low temperatures. Mercaptan based curing agent GL-1820 can be used as a curing agent alone or an accelerator for amines or amide chemistries. This 16-20 minute curing agent is ideal for many applications like coatings, civil engineering and fast-curing adhesives and some DIY consumer markets.

Applications

- Insulation Glue for Electronics
- Silicon Slices Cutting Glue for Photovoltaic Industry
- Rapid Repair Adhesive
- Process Adhesive for Industrial Assembly
- Road Marker Adhesives
- Industrial Adhesive
- Jewelry and Craft Adhesive Cure
- Acceleration for Amines or Amide Chemistries

Features

- Rapid cure in Thin Films
- Low Temperature Cure
- Low Toxicity
- Excellent Color

Typical Properties

Property	Value
Color, Gardner	2.0 Max
Viscosity(Brookfield) at 25°C, cP	10,000-16,000
Mixing ratio with epoxy resin(E51/128)	1:1
Gel time at 25°C, minutes	16-20

Storage

Mercaptan based hardener GL-1820 should be stored in a dry place, in its sealed original container, at temperatures between 10°C - 30°C. Under these storage conditions the shelf life is 24 months from date of manufacture. The product should not be exposed to direct sunlight.

Package

25kg/drum, 220kg/drum