

ET5134

Two-component epoxy adhesive

ET5134 is a two-component epoxy adhesive, which has good adhesiveness, mechanical property and electrical insulation. It is suitable for most materials bonding, such as nylon, metal and ceramics.

TYPICAL UNCURED PROPERTIES

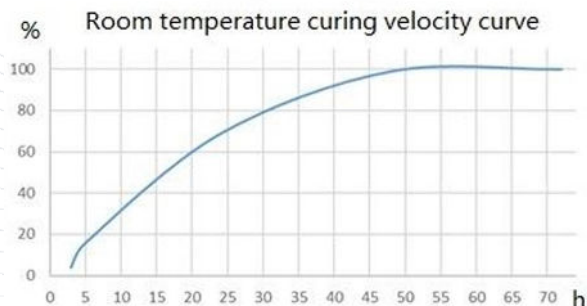
Properties	ET5134-A	ET5134-B
Appearance	White transparent liquid	Yellow liquid
Viscosity *25°C, cps	30,000~50,000	15,000-25,000
Specific gravity	1.11	0.97

TYPICAL CURING PROPERTIES

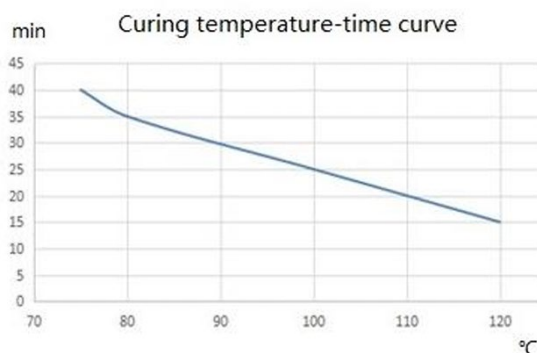
Properties	ET5134
Mix Ratio (A:B) by Volume	1 : 1
Density after mixed (g/cm ³)	1.04
Pot Life, 25°C, mins	50
Surface Dry Time, 25°C, hr	8
Through Cured Time, 25°C, hrs	24

ROOM TEMPERATURE CURING STRENGTH-TIME CURVE

The standard stainless steel sheet is bonded, the strength is tested after curing at 25°C for different times, and the strength percentage is calculated according to the final strength.



CURING TEMPERATURE-TIME CURVE



DIRECTION OF USE

1. Clean the bonding surface before use, remove the oil stains, and dust of the bonding surface. Please do not use alcohol, gasoline or paint cleaner.
2. If you want to have a high mechanical strength, adhesion to the surface by mechanical polishing, sandblasting or chemical corrosion treatment.
3. Mix the resin and curing agent proportionally, lay the mixture equally on two bonding surfaces, adhesive layer for 0.05mm.
4. The curing speed depends on the quantity of one-time mixture and ambient temperature, more mixture and higher temperature faster curing.
5. The remaining unmixed adhesive to be sealed, stored frozen in a cool dry place.

TYPICAL CURED PROPERTIES

Properties	ET5134
Hardness (Shore D)	74
Applicable temperature	-40°C ~ 120°C
Shearing strength for different materials (Mpa)	
Aluminum	23.7
Steel	12.2

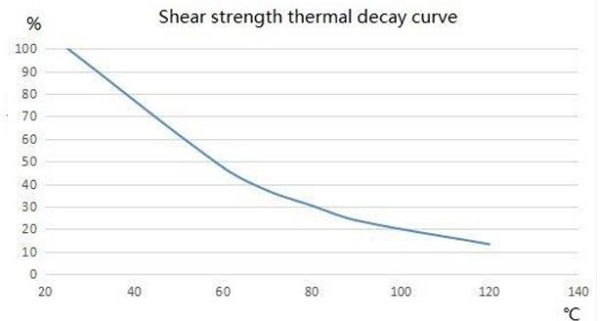
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TYPICAL CURED PROPERTIES

Properties	ET5134
Shearing strength for different materials (Mpa)	
Copper	23.7
Acrylic	12.2
PVC	3.1
ABS	2.0

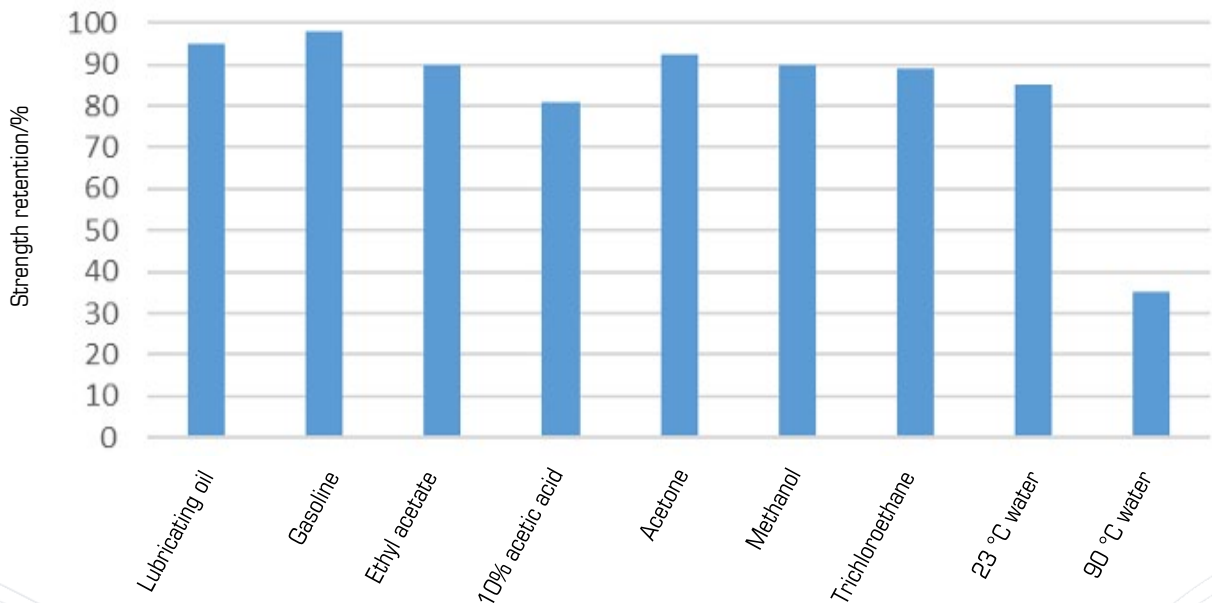
RELIABILITY TEST



Thermal attenuation test (AL/AL lap, sample solidified at 80°C for 40 minutes after the test of shear strength at different temperatures)

SOLVENT RESISTANCE

Solvent resistance test (AL/AL lap, the sample is cured at 80°C for 40min and then soaked in solvent for three months, and the strength is retained)



NOTICE

- Keep far away from children.
- It is recommended to use at well ventilated place.
- In case of contact with skin, rinse with soap water immediately. If contact with eyes, rinse with a plenty of clean water immediately and go to the hospital for an examination.

PACKAGE

400ml Cartridge

STORAGE

- Store the product in a clean and dry location in unopened containers at 8-28°C
- Shelf-life:12 months