

Technical Data



Resicure™ EMI-24 and EMI-24LV

Description:

EMI-24 is commonly used as a sole curing agent or as a dicy and anhydride cure accelerator in epoxy resin-based formulations. Typical loading level as a sole curing agent is about 1-5 phr and as a dicy and anhydride cure accelerator is about 0.5 – 3.0 phr.

Resicure EMI-24 LV is a lower viscosity version of Resicure EMI-24.

Advantages:

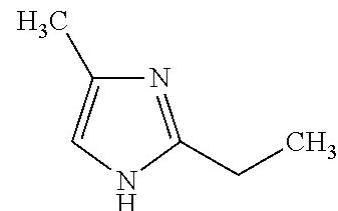
- Rapid reactivity at temperature <100°C with 9-12 hours latency
- High glass transition temperature
- High chemical resistance

Typical Applications:

- One-component adhesives for electronics applications
- Composites such as prepgs and filament winding
- Electrical potting and encapsulation

Handling Precautions:

Refer to the product Safety Data Sheet



2-ethyl-4-methylimidazole

<u>Typical Properties:</u>	EMI-24	EMI-24 LV
Appearance:	Brownish Liquid	
Viscosity (@25°C):	9600 cPs	1000 cPs
Gardner color:	16	15
Moisture content:	<0.4%	< 0.4%
Assay:	> 85%	>83%

Recommended use level with
Epoxy resin (EEW=190): 1-5 PHR

Typical Performance:

Gel time @ 100°C:	7.0 minutes
Gel time @ 150°C:	1.0 minutes
Latency at 25°C:	9-12 hours
HDT:	163°C

ACCI Specialty Materials

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