

CATALYST 24 LV

November 2014

PRODUCT DESCRIPTION

LOCTITE CAT 24 LV provides the following product characteristics:

Technology	Amine Hardener
Appearance	Water white to Light amber
Product Benefits	<ul style="list-style-type: none"> • Low viscosity • Thermal shock resistant • Tough Impact Resistant • Low color
Cure	Heat cure
Application	Curing Agent
Operating Temperature Continuous	- 105°C
Operating Temperature Intermittent	- 120°C

LOCTITE CAT 24 LV hardener is designed for use with potting and encapsulating resins.

TYPICAL PROPERTIES OF UNCURED MATERIAL

Viscosity , mPa·s (cP)	35
Density , g/cm ³	1.015
Amount of Catalyst used in relation to CAT 9 (in. x CAT9)	2.0
Pot life , 100 grams @ 25°C, minutes	30
Shelf Life @ 25°C (from date of manufacture), days	365

TYPICAL CURING PERFORMANCE

Cure Schedule

- 8 to 16 hours @ 25°C or
- 2 hours @ 65°C

The above cure profiles are guideline recommendations. Cure conditions (time and temperature) may vary based on customers' experience and their application requirements, as well as customer curing equipment, oven loading and actual oven temperatures.

GENERAL INFORMATION

For safe handling information on this product, consult the Material Safety Data Sheet, (MSDS).

Storage

Store product in the unopened container in a dry location. Storage information may be indicated on the product container labeling.

Optimal Storage : Room Temperature

Material removed from containers may be contaminated during use. Do not return product to the original container. Henkel Corporation cannot assume responsibility for product which has been contaminated or stored under conditions other than those previously indicated. If additional information is required, please contact your local Technical Service Center or Customer Service Representative.

Not for product specifications

The technical data contained herein are intended as reference only. Please contact your local quality department for assistance and recommendations on specifications for this product.

Conversions

$(^{\circ}\text{C} \times 1.8) + 32 = ^{\circ}\text{F}$
 $\text{kV/mm} \times 25.4 = \text{V/mil}$
 $\text{mm} / 25.4 = \text{inches}$
 $\text{N} \times 0.225 = \text{lb}$
 $\text{N/mm} \times 5.71 = \text{lb/in}$
 $\text{N/mm}^2 \times 145 = \text{psi}$
 $\text{MPa} = \text{N/mm}^2$
 $\text{MPa} \times 145 = \text{psi}$
 $\text{N}\cdot\text{m} \times 8.851 = \text{lb}\cdot\text{in}$
 $\text{N}\cdot\text{m} \times 0.738 = \text{lb}\cdot\text{ft}$
 $\text{N}\cdot\text{mm} \times 0.142 = \text{oz}\cdot\text{in}$
 $\text{mPa}\cdot\text{s} = \text{cP}$

Disclaimer

Note:

The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge and experience of the product as at the date of this TDS. The product can have a variety of different applications as well as differing application and working conditions in your environment that are beyond our control. Henkel is, therefore, not liable for the suitability of our product for the production processes and conditions in respect of which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product.

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