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LOCTITE

Technical Data Sheet

LOCTITE CAT 21

November 2019

PRODUCT DESCRIPTION

LOCTITE CAT 21 provides the following product characteristics:

Technology	Polyoxyalkylene amine
Appearance	Dark amber
Product Benefits	• Non-crystallizing • Low viscosity • Large mass casting epoxy hardener • Elevated temperature cure • Good impact resistance • Good thermal shock resistance
Cure	Room temperature and Heat cure
Application	Curing Agent
Operating Temperature - Continuous	-65 to +120 ºC

TYPICAL PROPERTIES OF UNCURED MATERIAL

Viscosity @ 25 °C, mPa·s (cP)	65
Specific Gravity	1.03
Pot life @ 25 °C, 100 gram mass, hour	1
Storage Life @ 25°C, days	548

TYPICAL CURING PERFORMANCE

Cure Schedule

16 to 24 hours @ 25°C plus 6 hours @ 65 to 85°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 Safety Data Sheet, (SDS).

DIRECTIONS FOR USE

1. For use with proper resin combination. Cannot be used on its own.

STORAGE:

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

Optimal Storage : 25 °C

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

(°C x 1.8) + 32 = °F
kV/mm x 25.4 = V/mil
mm / 25.4 = inches
N x 0.225 = lb/F
N/mm x 5.71 = lb/in
psi x 145 = N/mm²
MPa = N/mm²
N·m x 8.851 = lb·in
N·m x 0.738 = lb·ft
N·mm x 0.142 = oz·in
mPa·s = cP

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