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LOCTITE

Technical Data Sheet

LOCTITE EDAG 33RO65A E&C

September 2019

PRODUCT DESCRIPTION

LOCTITE EDAG 33RO65A E&C provides the following product characteristics:

Technology	Polyimide
Appearance	Black paste
Application	Inks and coatings, Conductive and dielectric inks
Cure	Heat cure
Product Benefits	• Excellent conductivity • Good printability • High temperature stability
Application Method	

LOCTITE EDAG 33RO65A E&C is a graphite filled, polyimide-based conductive coating formulated to provide adhesion to a variety of substrates. It is suitable for applications using high speed printing equipments.

TYPICAL PROPERTIES OF UNCURED MATERIAL

Solids Content, by weight, %	22
Density, kg/l	1.12
Theoretical coverage, sq ft/gal/mil	265
Shelf Life @ 2 to 8 °C (from date of qualification in original seal), days	365
Flash Point , ºC	>60 to 77

TYPICAL CURING PERFORMANCE

Cure Schedule

20 minutes @ 107°C plus 60 minutes @ 177 to 204°C

Percent Volatiles

VOC, g/l	876

Various time/temperature combinations can be used to fit most production environments.

The above cure profile is a guideline recommendation. 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.

TYPICAL PROPERTIES OF CURED MATERIAL

Electrical Properties

Sheet Resistance, ohms/sq/mil	<20

GENERAL INFORMATION

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

DIRECTIONS FOR USE

1. Keep product container tightly closed when not in use

CLEAN-UP

1. The equipment can be cleaned with N-Methylpyrrolidone (NMP) followed by MEK.

STORAGE:

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

Store in a cool, well ventilated area.

Optimal Storage : 2 to 8 °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

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

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