

# LOCTITE ABLESTIK C995J 100

December 2016

## PRODUCT DESCRIPTION

LOCTITE ABLESTIK C995J 100 provides the following product characteristics:

<b>Technology</b>	Epoxy
<b>Appearance</b>	Silver paste
<b>Cure</b>	Heat cure
<b>Product Benefits</b>	<ul style="list-style-type: none"> <li>• One component</li> <li>• Electrically conductive</li> <li>• Excellent dispensability</li> <li>• Low resin bleed</li> <li>• Low flow out</li> </ul>
<b>Application</b>	Electrically Conductive Adhesive

LOCTITE ABLESTIK C995J 100 silver filled, conductive epoxy adhesive is specifically designed for use in the assembly of crystal oscillators.

## TYPICAL PROPERTIES OF UNCURED MATERIAL

Silver Content by weight, %	73
Viscosity, Cone & Plate, mPa·s (cP):	
EHD, 1° Cone, Speed 1 rpm	30,000
Shelf Life @ -20°C, days	183
Flash Point - See SDS	

## TYPICAL CURING PERFORMANCE

### Cure Schedule

60 minutes @ 150°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.

## TYPICAL PROPERTIES OF CURED MATERIAL

### Physical Properties

Extractable Ionic Content @ 100°C, , 20 hours, ppm:	
Chloride (Cl-)	<10
Sodium (Na+)	<10
Potassium (K+)	<10
Ammonium (NH4+)	<10

### Electrical Properties

Volume Resistivity, ohm-cm	0.0002
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## TYPICAL PERFORMANCE OF CURED MATERIAL

### Shear Strength

Die Shear Strength @ 25°C:	
1.25 x 1.25 mm, Kg	6.99

## GENERAL INFORMATION

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

## 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.

## STORAGE:

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

## Optimal Storage : -20 °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.

## Conversions

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

## 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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