

LOCTITE ABLESTIK LHA 2

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PRODUCT DESCRIPTION

LOCTITE ABLESTIK LHA 2 provides the following product characteristics:

Technology	Ероху
Appearance	Black liquid
Product Benefits	One component
	Solvent-free
Cure	Heat cure
Application	Adhesive

LOCTITE ABLESTIK LHA 2 adhesive paste is designed for lens holder attach in camera module applications. It can be cured at low temperatures providing excellent adhesion to ceramic and LCP with minimum resin bleed.

TYPICAL PROPERTIES OF UNCURED MATERIAL

Casson Base Viscosity @ 25 °C, mPa·s (cP):	
Haake PK 100, PK 1, 2° Cone @ 2 s ⁻¹	46,000
Haake PK 100, PK 1, 2° Cone @ 20 s ⁻¹	16,000
Thixotropic Index (2/20 s ⁻¹)	2.9
Specific Gravity	1.43
Pot Life @ 25°C, hours	48
Shelf Life @ -15°C, days	365
Flash Point - See SDS	

TYPICAL CURING PERFORMANCE Cure Schedule

60 minutes @ 100°C

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

Physical Properties:

Coefficient of Thermal Expansion, ppm/°C:		
Below Tg	45	
Above Tg	160	
Glass Transition Temperature (Tg) by TMA, °C	88	
DMA Modulus @ 25°C, , MPa	6,000	
Extractable Ionic Content, :		
Chloride (Cl-)	190	
Bromide (Br)	80	
Extractable lonic Content, : Chloride (Cl-)		

TYPICAL PERFORMANCE OF CURED MATERIAL

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: -15°C. Storage below -15°C or greater than -15 °C can adversely affect product properties.

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

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

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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