

LOCTITE ABLESTIK 190808

June 2021

PRODUCT DESCRIPTION

LOCTITE ABLESTIK 190808 provides the following product characteristics:

Technology	Acrylate
Appearance	Translucent amber liquid
Product Benefits	<ul style="list-style-type: none"> One component, requires no mixing
Cure	Ultraviolet (UV) light, Visible light
Application	Electronic Adhesives & Solder, Component assembly adhesives

LOCTITE ABLESTIK 190808 is a single component, UV or visible light curable adhesive.

TYPICAL PROPERTIES OF UNCURED MATERIAL

Viscosity, HAAKE PK1, 2° Cone, mPa·s (cP):
 Shear rate 100 s⁻¹ 8,300
 Shelf Life @ 8 to 28°C, days 730

TYPICAL CURING PERFORMANCE**Recommended UV Cure Condition**

Light Source and Condition:
 High Pressure Hg lamp:
 Irradiance, mW/cm² 100
 Recommended Dose, seconds 10 to 15

Tack Free Time

Tack Free Time, seconds:
 1 mm thick film, Uvaloc 1000 @ 100 W/cm² 10

Depth of Cure

Depth of Cure, cured 30 seconds @ 100 mW/cm², Uvaloc 1000, mm 8.1

The above cure profile is a guideline recommendation. Cure rate and ultimate depth of cure depend on light intensity, spectral distribution of light source, exposure time and the light transmittance of the substrate.

TYPICAL PROPERTIES OF CURED MATERIAL

Sample cured @ 100 mW/cm² for 20 seconds, GB steel pin/glass substrate

Physical Properties :

Tensile Strength at break N/mm² 7.0
 (psi) (1,020)

GENERAL INFORMATION

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

Storage

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

Optimal Storage : 8 to 28 °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 Henkel Representative.

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

Not for product specifications

The technical data contained herein are intended as reference only. Please contact your local Henkel representative for assistance and recommendations on the specifications of this product.

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