

3M™ Liquid UV-Curable Adhesive LC-3200

Product Description

3M™ Liquid UV-Curable Adhesive LC-3200 is a 100% solids UV curable acrylic adhesive. 3M adhesive LC-3200 is suitable for mounting silicon wafers and other substrates to support glass carriers using the 3M™ Wafer Support System. The detailed performance of 3M adhesive LC-3200 depends on the substrate materials and topography and needs to be verified for individual applications.

Typical Uncured Properties

Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes. Final product specifications and testing methods will be outlined in the product's Certificate of Analysis (COA) that is shipped with the commercialized product.

3M™ Liquid UV-Curable Adhesive LC-3200	
Property	Value
Base Resin	Acrylic
Color	Clear, light yellow
Density	1.03
Viscosity	3000 cP (@ 25°C)

Typical Adhesive Properties

Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

3M™ Liquid UV-Curable Adhesive LC-3200			
Property	Value	Unit	Test Method
Modulus (@ 25°C)	1.46 x 10 ⁸	Pa	DMA
Tg	50degC	°C	DMA
Shrinkage	5.2	%	-
180° Peel Strength 0.15 N/25mm — (mirror wafer)	0.15	N/25mm	-

Storage and Shelf Life

The shelf life of 3M™ Liquid UV-Curable Adhesive LC-3200 is six months at room temperature in opaque bottle. Store this product above 15°C. Store this product at 25°C or below for maximum storage life and avoid light.

Certificate of Analysis (COA)

The 3M Certificate of Analysis (COA) for this product is established when the product is manufactured and deemed commercially available from 3M. The COA contains the 3M test methods, specifications limits and test results for the product's performance attributes that the product will be supplied against. Contact your local 3M representative for this product's COA.

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Safety Data Sheet: Consult Safety Data Sheet before use.

Regulatory: For regulatory information about this product, contact your 3M representative.

Technical Information: The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

Product Use: Many factors beyond 3M's control and uniquely within user's control can affect the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.

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