

UV curable optical gel with excellent shock

LMGU

- Feature** The features are as follows.
1. Excellent visible light transmittance
 2. Excellent energy absorption
 3. It is acrylic acid free and reduces the corrosion of ITO.
 4. Excellent step absorbability.
 5. Excellent durability

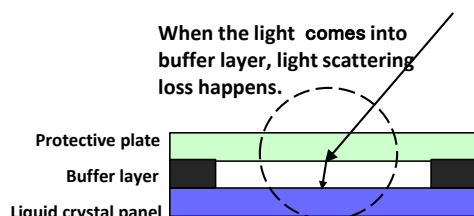
Basic characteristics

Sample name	Main component	Coating thickness (μm)	Curing conditions		Adhesive strength (N/25mm)		Transmittance	
			Irradiation dose ($\mu\text{w}/\text{cm}^2$)	Irradiation time (min)	Glass	SUS	T.T	HAZE
LMGU	Acrylic acid	100	9000 or more	3.0	12.0	9.0	90 and above	1.0% or less

Applications

- (1) Touch panel application Improved visibility / buffer / protection

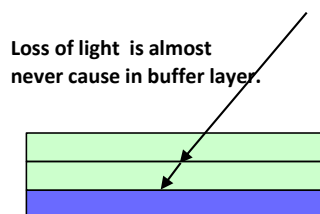
Air-gap buffer display body



Reflective index
Protective layer \neq Buffer layer

Light transmittance **86.9%**

Gel buffer display body



Reflective index
Protective layer = Buffer layer

Light transmittance **92.2%**

User is responsible for determining whether the KGK product is fit for a particular purpose and suitable for user's method of application. Please remember that many factors can affect the use and performance of a KGK product in a particular application. The materials to be bonded with the product, the surface preparation of those materials, the product selected for use, the conditions in which the product is used, and the time and environmental conditions in which the product is expected to perform are among the many factors that can affect the use and performance of a KGK product. Given the variety of factors that can affect the use and performance of a KGK product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the KGK product to determine whether it is fit for a particular purpose and suitable for the user's method of application.

KGK make no warranties on above data.

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