

HAZE adjustment light diffusion double-sided tape for optical bonding

MGOC series

Features

Double sided adhesive sheet consisting of acrylic gel.

The features are as follows:

HAZE (cloudiness) can be adjusted from > 90 to 25%,
while maintaining the excellent T.T. (total light transmittance) of 90% for acrylic.

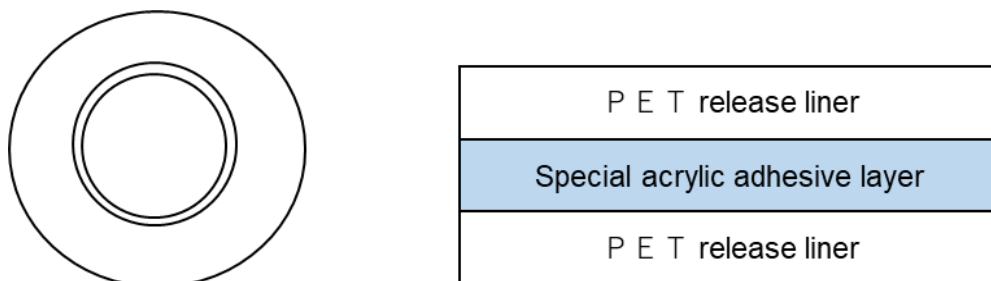
Applications

Lamination of optical materials such as cover panels, sensor materials.

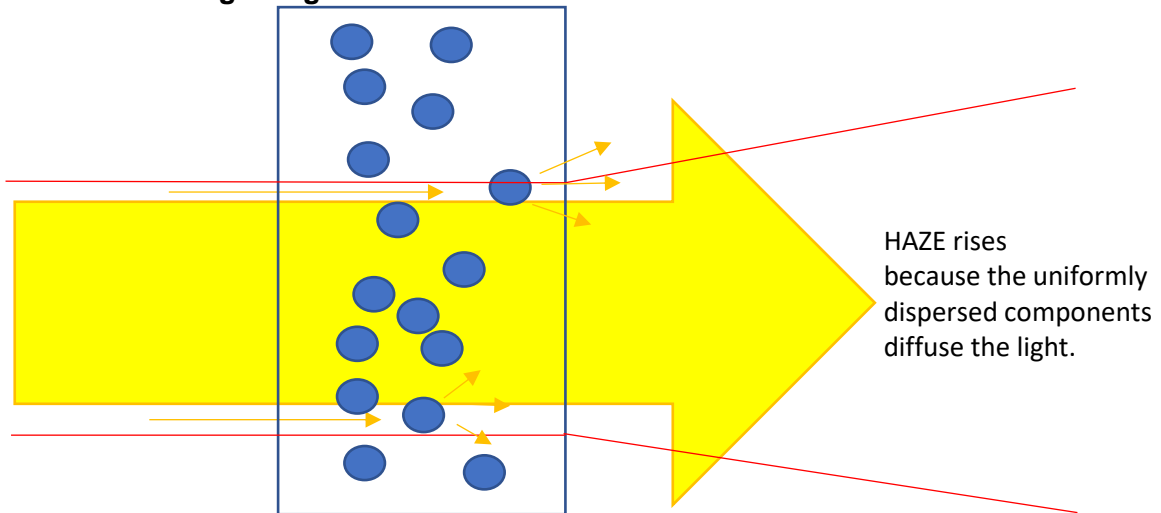
High functionality of various displays and touch screen panels.

By diffusing the light from a backlight, you can expect effects such as reducing reflections, adjusting contrast, and suppressing moire.

Construction



Light diffusion image diagram



Product Properties

	HAZE			
	Low			High
	MGOC15	MGOC20	MGOC25_1	MGOC25_2
Total light transmittance (%)	92.3	92.7	91.8	91.6
HAZE	24.6	52.3	70.2	91.0
Thickness (μm)	150	200	250	250
SUS Adhesive force (N/25mm)	5	10	10	10

T.T. : JIS K 7361

* 1: The data is a reference value, not a guaranteed value.

Haze : JIS K 7136

* 2: HAZE and thickness can be adjusted upon request.

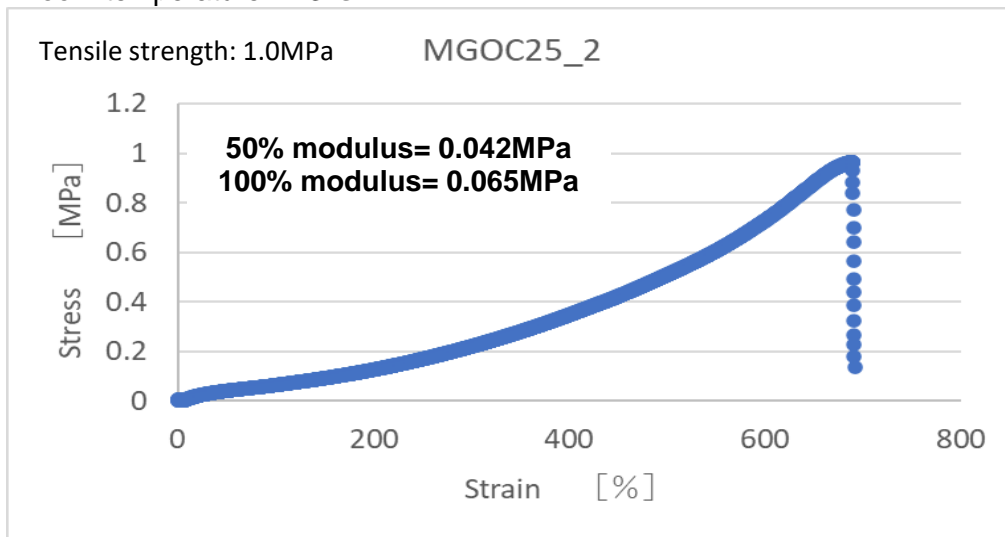
Adhesive force ;

Backing material : PET25μm

Tensile speed : 300mm/min.

Peeling angle : 180 degrees

Room temperature : 23°C



Precautions on use

All technical data of KGK products are prepared based on the tests and measured values carried out in the laboratory of KGK Chemical Corp. as the standard.

However, KGK product characteristics may vary greatly depending on environment and adherend.

Therefore, these technical data herein are only for reference and not guaranteed.

Before using a KGK product please make sure that it is suitable for the intended use and environment.

Storage conditions

Please make sure to keep the bag unopened and place it in a box.

Please choose a cold and dark place for storage location to avoid exposure to direct sunlight.

In particular, please do not expose to high temperature and high humidity by following the figures below.

(Temperature: < 30 °C, Humidity: < 50%).

The warranty period:

Six months from shipment from KGK for those kept unopened in the above mentioned storage conditions.

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