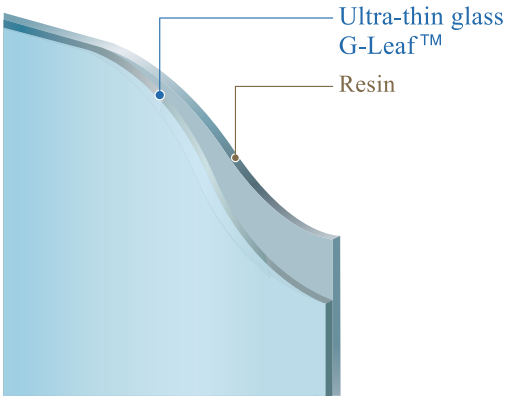
超薄玻璃–树脂积层板 Lamion™［可挠式］

Ultra-thin Glass Laminated on Resin Lamion™ [Flexible Type]

Lamion™［可挠式］是具有耐刮伤性、气密性、阻燃性等玻璃特有优异性质，并兼具G-Leaf™柔韧性和高潜力的多用途材料。

Lamion™ [Flexible type] features glass-specific characteristics such as abrasion and scratch resistance and gas barrier properties, and is a useful material with flexibility and highly potential as G-Leaf ™.



可挠性
Flexibility

特 点 Features

- 可挠性
- 耐刮伤性
- 气密性
- 防飞散性
- 低热膨胀率
- 可附加功能性
  表面镀膜：AR、AG、AF
  内部嵌入薄膜：IR-Cut、加色装饰

- Flexibility
- Abrasion resistance (Pencil hardness: Harder than 9H)
- High gas barrier properties
  Water vapor permeation rate is lower than measurable limit.
  $<1x10^{-6}g/(m^2 \cdot day)$
- Anti-shattering
- Low thermal expansion coefficient
- Possible functionality added
  Surface coating on glass : AR, AG, AF
  Film insertion : IR-Cut, Coloring

应用范例 Applications

可挠性显示器
Flexible display

电子纸
Electronic paper

可穿戴设备
Wearable device

有机EL照明
OLED lighting

有机EL显示器
OLED display

触控面板
Touch panel

Nippon Electric Glass