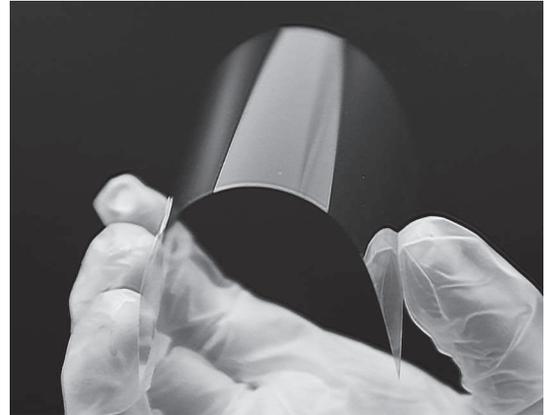


BDX-2

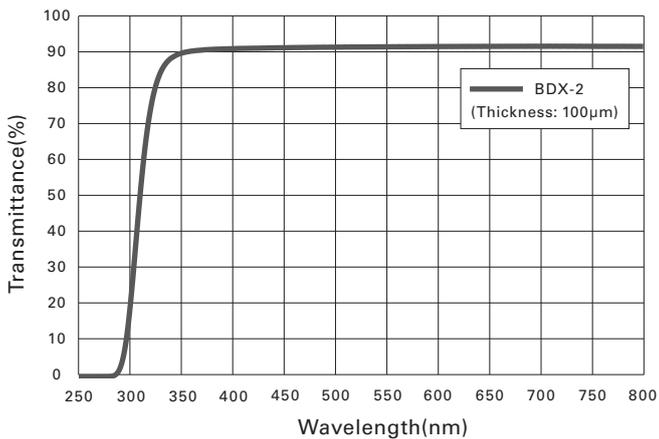
UV shielding ultra-thin glass has a superior ultraviolet ray shielding property. The glass protects devices from ultraviolet rays as well as air and water, which contributes to longer lifespan. Glass thinness and lightweight contribute to weight reduction of devices.

Features

- High shielding properties against ultraviolet rays
- Thin and lightweight (Thickness: Min. 30 μ m)



Transmittance



* The values given are measured but not guaranteed.

Applications

- Solar cells
- Satellites (e.g. covers for optical systems)



Properties

Properties		BDX-2	
Density	g/cm ³	2.46	
Coefficient of thermal expansion	30-380°C	$\times 10^{-7}/^{\circ}\text{C}$	79
Strain point	°C		550
Annealing point	°C		595
Softening point	°C		805
Transmittance(%) (Thickness: 100 μ m)	550mm	92	
	400mm	91	
	350mm	90	
	300mm	20	
Refractive index (n _d)	587.6nm	1.52	

Specifications

- Shipping form: Sheet

(mm)

Dimensions	
Standard size	Tolerance
200x200-400x600	± 0.3
400x600-1000x2000	upon request

(μ m)

Thicknesses	
Center	Tolerance
50, 100	$\pm 10\%$

Custom sizes and thicknesses available on request.