

SUNLIGHT READABLE PC (POLYCARBONATE)

BHT-Q0H2B2xx, xx= thickness choices

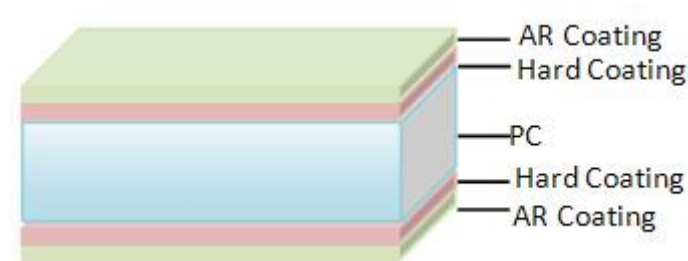
Sunlight Readable PC (Polycarbonate)

Description

Function

Displays against strong sunlight reflection from outdoor, or solving the display reflective problem from the brightness light indoor is a mainly topic for all the industrial and professional displays. With double sides AR coated, air gap between the front cover and the panel won't be a concern any longer.

Product Structure



Feature

1. High Transparence & Anti Reflection
2. Optical Grade PC with Vapor deposited coating
3. Coating close to Nature Color
4. 440~640nm Reflection Under 0.5 %
5. 300~700nm reflection Under 2%
6. Transparance above 98% within whole view area
7. Anti Scratch, abrasion resistance to grade F.
8. Against high temperature up to 120-degree C.

Characteristics

		Method	Result
OPTICAL	Transparence	JISK7105	98%
	Reflection	JISK7105	0.5%
MECHANICAL	Surface Hardness	Pencil Hardness, per1kg F.	
	Yellowness Index	ASTM D 1925	Grade 2.0
	Adhesion	Cross cut test	100/100
	Impact Strength	ASTM D 256A	90kgf./cm
ENVIRONMENT	Tensile Strength	ASTM D 638	670kgf./cm ²
	Humidity Resistance	60°C, 95% Humidity	Up to 1,000 hrs
	Heat Deflection Temp.	ASTM D 648	130°C
	Brittle Temp.	ASTM D 746	-100°C

Dimension

Size (mm)

275 x360, 310x380, 420x530, 420x630, 1,000x600

Thickness (mm)

0.5, 0.65, 0.8, 1.0, 1.2,1.5, 2.0, 3.0, 4.0, 5.0, 6.0, 8.0...etc.

Anti-Reflection Curve (PC, AR)

