

SUNLIGHT READABLE PMMA + ANTI SMUDGE (AFP) COATED

BHT-K0H2B2F1xx, xx= thickness choices

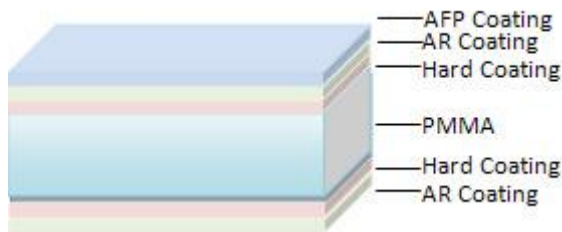
Sunlight Readable PMMA + Anti Smudge (AFP) Coated

Description

Function

Sunlight Readable function comforts working eyes, and AFP (Anti Finger Print) coating prevents inerasable dirt from human contact. This product is created for both industrial and consumer display while there's any concern with easy to have human contact.

Product Structure



Feature

1. Dirt, finger prints easy remove.
2. Anti Smudge coating makes Water contact angle above 110-degree.
3. Optical grade PMMA with vapor deposited coating.
4. High transparence, low reflection from both sides.
5. Close to Neutral coating color.
6. 440~640nm reflection under 0.5%.
7. 300~700nm reflection under 2%.
8. Total transparence above 98% within whole view area.
9. Anti scratch, abrasion resistance.

Characteristics

Characteristics	Method	Result
OPTICAL	Transparence	JISK7105 92%
	Reflection	JISK7105 0.5 %
MECHANICAL	Hardness	Pencil Hardness 6H

ENVIRONMENT	Abrasion Resistance	Steelwool, 1.5kgf, 50 times	Scratch line few
	Adhesion (Initial)	Cross cut test	100/100
	Impact Strength	DIN 53453	4kJ/m ²
	Humidity Resistance	60°C, 95% Humidity	Up to 1,000 hrs
	Heat Resistance	80°C	Up to 1,000 hrs
	Heat Impact Resistance	- 30°C & 80°C	Up to 500 times

Dimension

Size (mm)

275x360, 310x380, 385x500, 420x530, 430x630, 600x1000

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

Anti Reflective Spectrum

