

デジタルサイネージ分野向け For Digital Signage Field

樹脂板向けアウトガス抑制 OCA Outgas Resistant For Resin materials

EA41x Series (Developed)

- 導光板(樹脂板)起因の浮き剥がれを抑制(下記図参照)
Outgas Resistant for resin materials.
- 耐光性に優れ、高透明性を維持しタフな使用をアシスト
Excellent durability, High transparency, Suitable for tough use.
- 環境負荷の少ない材料を使用
Contains low environmental impact materials.



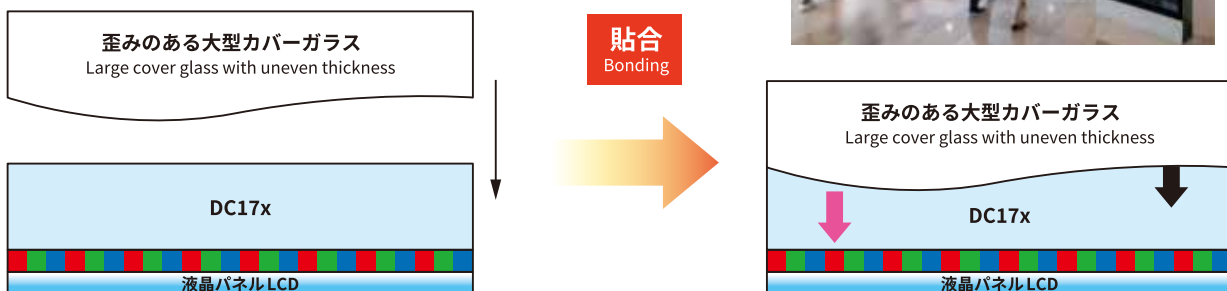
65°C/95%RH×250 hrの耐久試験比較(Durability Test)



大型サイネージ貼合時の表示ムラ改善 Improve uneven display image for large signage lamination

DC17x Series

- 優れた応力緩和性が、画面表示の問題(ムラ)を解消
Excellent stress relaxation function solves uneven display image.
- 高い段差追従性能により、薄膜設計も可能に
High gap Filling function helps thin film design



偏光・虹ムラ解消・UVカット ASF Depolarization · Rainbow-Mura free · UV cut ASF

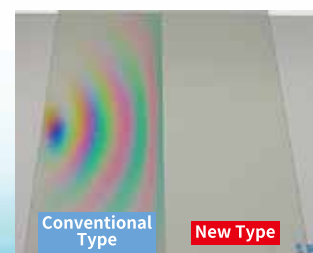
CPETR80H/DP/T7

- 偏光解消：ブラックアウト防止
Depolarization: Blackout prevention
- 虹ムラ解消
Rainbow-Mura free
- UVカット性能有
UV cut function

特長 1：偏光解消
Feature1: Depolarization



特長 2：虹ムラ解消
Feature2: Rainbow-MURA free



Performance Characteristics

ITEM		Unit	EA417GF (Developed)	DC176GD (After UV Type)	
Thickness	Heavy Release Liner	μm	100	100	*1
	Adhesive		175	150	
	Light Release Liner		75	50	
Dielectric Constant	100kHz (25°C)	-	5.1	3.9 ^{*10}	*2
180°Peel adhesion to Glass	After 24hrs	N/25mm	32	32/34 ^{*10}	*3
Optical characteristics (Including Glass)	Transmittance	%	91.9	91.5 ^{*10}	*4
	Haze	%	0.2	0.6 ^{*10}	*5
	L*	-	96.6	96.7 ^{*10}	*6
	a*	-	-0.1	-0.1 ^{*10}	
	b*	-	0.2	0.5 ^{*10}	
Gap filling (Glass/OCA/Glass)	-	-	Max 15μm (5~10%)	Max 75μm (~50%)	*7

ITEM		Unit	CPETR80H/DP/T7	
Thickness	Base Film	μm	80	*1
	Adhesive		25	
	Release Liner		75	
180°Peel adhesion to Glass	After 24hrs	N/25mm	31	
Optical characteristics (Including Glass)	Transmittance	%	92.1	*4
	Haze	%	0.5	*5
	L*	-	96.8	*6
	a*	-	-0.1	
	b*	-	0.4	
Pencil hardness(750g)	with adhesive	-	HB	*8
Steel Wool scratch test	10times(50g/cm ² load, #0000)	-	Good	-
Water contact angle	Initial(2μl,3sec)	degree	74	*9
Film orientation angle	Crossed nicols inspection	degree	2	-

※ <Technical Data> The test data is measurements and not a guaranteed value.

*1:JIS Z0237,*2:NTAC Method,*3:JIS Z0237,*4:JIS K7361-1,*5:JIS K7136,

*6:JIS Z8781,*7:NTAC Method,*8:JIS K5600,*9:Contact angle goniometer,*10:after UV

