

STANDARD SPECIFICATION TABLE

Description : SHC-125U

Item	Unit	Standard Value
Effective part thickness	μ m	215 \pm 25
Standard size	mm	620 $^{+20}_{-0}$ \times 1000 $^{+20}_{-0}$
Adhesive layer thickness	μ m	25 \pm 5
Force required to detach release film	N/25mm	Less than 0.50
Force required to detach protective film	N/25mm	Less than 0.50
Adhesive force to detach from glass plate	N/25mm	More than 3.00
Optical Characteristics		
Original polarizer		
Single average transmittance (Ys)	%	40.0 \pm 2.0
Polarizing efficiency (Py)	%	More than 99.5
Hue	L* (L)	69.3 \pm 2.0 (63.0 \pm 2.0)
	a* (a)	-1.0 \pm 2.0 (-1.0 \pm 2.0)
	b* (b)	4.0 \pm 2.0 (3.5 \pm 2.0)
UV Ray transmittance at 380nm	%	Less than 1.0
Appearance defects	n/sheet	MAX=13
Curling	mm	0 \pm 30
Durability(Guaranteed life)		
Light Resistance (C-arc, 63°C \times 240h)	<ul style="list-style-type: none"> - Deterioration of Transmittance(Δ Ys) shall be \pm5points from initial value. - Deterioration of Polarizing efficiency(Δ Py) shall be \pm2points from initial value . - No visible bubble and delamination shall be generated. 	
Heat Resistance (105°C \times 1000h)		
Humidity Resistance(80°C \times 90%RH \times 500h) (60°C \times 90%RH \times 1000h)		
Heat Shock [(-40°C \times 1h) \rightleftharpoons (80°C \times 1h)] \times 20cycles		
Cold Resistance (-40°C \times 1000h)		
Actual Mount test	105°C \times 48h	No visible bubble and delamination shall be generated.
	80°C \times 90% \times 48h	
Remarks :		