

STANDARD SPECIFICATION TABLE

Description : SHC-125M

Item	Unit	Standard Value					
Effective part thickness	μ m	290 ± 30					
Standard size	mm	$620^{+20}_{-0} \times 1000^{+20}_{-0}$					
Adhesive layer thickness	A	25 ± 5					
	B	25 ± 5					
Force required to detach release 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 ± 2.0					
Polarizing efficiency (Py)	%	More than 99.5					
Hue	L* (L)	69.3 ± 2.0 (63.0 ± 2.0)					
	a* (a)	-1.1 ± 2.0 (-1.0 ± 2.0)					
	b* (b)	4.1 ± 2.0 (4.0 ± 2.0)					
Appearance defects	n/sheet	MAX=13					
Curling	mm	0 ± 30					
Durability(Guaranteed life)							
Light Resistance (C-arc, 63°C×240h)		<ul style="list-style-type: none"> • Deterioration of Transmittance(Δ Ys): ± 5points from initial value Polarizing efficiency(Δ Py): ± 2points from initial value . • No visible bubble and delamination shall be generated. 					
Heat Resistance (100°C×1000h)							
Humidity Resistance(80°C×90%RH× 500h) (60°C×90%RH×1000h)							
Cold Resistance (-40°C×1000h)							
Actual Mount test	$100^{\circ}\text{C} \times 48\text{h}$	No visible bubble and delamination shall be generated.					
	$80^{\circ}\text{C} \times 90\% \times 48\text{h}$						
Remarks :							
Structure:	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="padding: 2px;">Release film</td></tr> <tr><td style="padding: 2px;">Adhesive layer: A</td></tr> <tr><td style="padding: 2px;">Polarizing film</td></tr> <tr><td style="padding: 2px;">Adhesive layer: B</td></tr> <tr><td style="padding: 2px;">Reflective film</td></tr> </table>		Release film	Adhesive layer: A	Polarizing film	Adhesive layer: B	Reflective film
Release film							
Adhesive layer: A							
Polarizing film							
Adhesive layer: B							
Reflective film							