

STANDARD SPECIFICATION TABLE

Description : SHC-13U

| Item | Unit | Standard Value |
|---|---|--|
| Effective part thickness | μm | 215 ± 25 |
| Standard size | mm | 620 ⁺²⁰ ₋₀ × 1000 ⁺²⁰ ₋₀ |
| Adhesive layer thickness | μm | 25 ± 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 |
| Spectral Characteristics | | |
| Original polarizer | | |
| Single average transmittance (Ys) | % | 39.0 ± 2.0 |
| Polarizing efficiency (Py) | % | More than 99.8 |
| Hue | L* (L) | 68.0 ± 2.0 (61.6 ± 2.0) |
| | a* (a) | -1.0 ± 2.0 (-0.9 ± 2.0) |
| | b* (b) | 5.3 ± 2.0 (4.5 ± 2.0) |
| UV Ray transmittance at 380nm | % | Less than 1.0 |
| Appearance defects | n/sheet | MAX=13 |
| Curling | mm | Less than 30 |
| Durability(Guaranteed life) | | |
| Light Resistance (C-arc, 63°C × 1000h) | <ul style="list-style-type: none"> · Deterioration of Transmittance(ΔYs): ±5points from initial value · Polarizing efficiency(ΔPy): ±5points from initial value . · No visible bubble and delamination shall be generated. | |
| Heat Resistance (105°C × 1000h) | | |
| Humidity Resistance(80°C × 90%RH × 500h) | | |
| Cold Resistance (-40°C × 1000h) | | |
| Actual Mount test | 105°C × 48h 80°C × 90% × 48h | No visible bubble and delamination shall be generated. |
| Remarks : | | |