

PRODUCT SPECIFICATION

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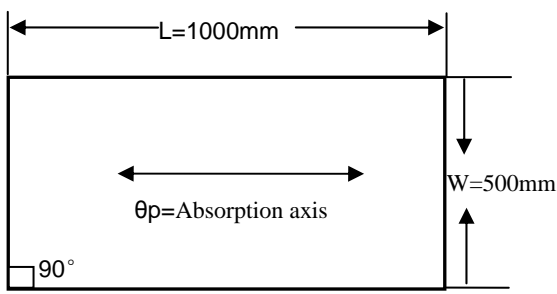
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| | | | |
|---------------------|------------|----------------------|--|
| Product Code | AG1- 105MP | Customer Code | |
| Subject Code | AG1- 105MP | Remarks | |

| CONSTRUCTION | | | DIMENSION | |
|--------------|-------------------|-----------------------------|--|--|
| | | | 500×1000 (90°) | |
| 1 | ★ Reflective film | Aluminum coating PET (50μm) |  <p>L=1000mm</p> <p>W=500mm</p> <p>θp=Absorption axis</p> <p>90°</p> | |
| 2 | Adhesive layer | Acrylic resin (20μm) | | |
| 3 | Supporting layer | TAC (50μm) | | |
| 4 | Polarizer | PVA (27μm) | | |
| 5 | Supporting layer | TAC (50μm) | | |
| 6 | Adhesive layer | Acrylic resin (25μm) | | |
| 7 | Release film | PET (38μm) | | |
| | | | *all cases, protective film is upside | |

| Item | | Unit | Spec. | Remarks |
|--|---------------------|--------|-------------|------------|
| Size | W | mm | 500 -0/+10 | |
| | L | mm | 1000 -0/+20 | |
| Thickness | Total ¹ | μm | 222 ± 20 | |
| | Adhesive | μm | 25 ± 5 | |
| Peel Strength | Adhesive - Glass | g/25mm | 300 min | JIS Z 0237 |
| | Release film | g/25mm | 50 max | JIS Z 0237 |
| | Reflective film | g/25mm | 500 min | |
| Transmittance | Single ² | % | 43.0 ± 2.0 | JIS K 7105 |
| | 380nm | % | - | |
| Polarizer Hue | L | NBS | 65.6 ± 2.0 | |
| | a | NBS | -1.0 ± 2.0 | JIS K 7105 |
| | b | NBS | - 1.0 ± 2.0 | JIS K 7105 |
| Polarizing Efficiency ³ | | % | 95.0 min | JIS K 7105 |
| Optical reliability(dry condition) 80°C×250Hrs. | | % | ± 5.0 max | |
| Optical reliability (humid condition) 60°C× 90% R.H.×250Hrs | | % | ± 5.0 max | |
| Low temperature reliability -40° C X 250 Hrs | | % | ± 5.0 max | |
| Defects(above 150μm) | | EA | 15 | |

1. Total thickness excludes protective film and release film

2. Transmittance scan range is 400 - 700nm.

3. Polarizing efficiency is acquired by the following formula.

$$P_{scy} = \sqrt{(T_p - T_c) / (T_p + T_c)} * 100 \%$$