



TECHNICAL DATA SHEET

STEVENS URETHANE AG4350

Stevens Urethane AG4350 is an aliphatic polyurethane with low modulus specifically formulated to be used as an adhesive interlayer without the need for a glass surface primer.

Stevens Urethane AG4350 contains a UV additive package to protect itself and materials below it from harmful UV radiation.

| Physical Properties | Test Methods | Typical Value |
|--|--------------|---------------|
| Tensile strength at 100%, psi | ASTM D412* | 450 |
| Tensile strength at 200%, psi | ASTM D412* | 850 |
| Tensile strength at 300%, psi | ASTM D412* | 1200 |
| Tensile strength at Break, psi | ASTM D412* | 3500 |
| Elongation at Break, % | ASTM D412* | 550 |
| Tear Strength, pli | ASTM D624 | 290 |
| Specific Gravity | ASTM D792 | 1.05 |
| DSC mid Point, T _g °C | N/A | -60 |
| TMA Peak, °C | N/A | 99 |
| TMA Range, °C | N/A | 65 - 110 |
| Coefficient of Thermal Expansion L/Lo °C | N/A | ~0.0002 |

* - Note: ASTM D412 Die C is used with a grip separation rate of 20 in/min

| Optical Properties** | Test Methods | Typical Value |
|----------------------|--------------|---------------|
| Haze, % | ASTM D1003 | 0 - 0.3 |
| Transmission, % | ASTM D1003 | 85 - 95 |
| Yellowness Index | ASTM D1925 | <1 |
| Refractive Index | ASTM D542 | 1.4878 |

**Film tested between two pieces of 1/8" glass
Film Thickness for Optical Properties – 0.050"

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