



TECHNICAL DATA SHEET

STEVENS URETHANE AG9550

Stevens Urethane AG9550 is an aliphatic polyurethane with high modulus specifically formulated to be used as an adhesive interlayer without the need for a glass surface primer.

Stevens Urethane AG9550 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*	1800
Tensile strength at 200%, psi	ASTM D412*	2500
Tensile strength at 300%, psi	ASTM D412*	4300
Tensile strength at Break, psi	ASTM D412*	9000
Elongation at Break, %	ASTM D412*	375
Tear Strength, pli	ASTM D624	440
Specific Gravity	ASTM D792	1.10
DSC mid Point, T _g °C	N/A	-35
TMA Peak, °C	N/A	155
TMA Range, °C	N/A	90 - 200
Coefficient of Thermal Expansion L/Lo °C	N/A	~0.007

* - 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	0.3
Transmission, %	ASTM D1003	90
Yellowness Index	ASTM D1925	<1
Refractive Index	ASTM D542	1.499

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

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