

## Hauthane L-2183

- DESCRIPTION:** An anionic, aliphatic, aqueous polyurethane dispersion.
- SUGGESTED USES:** **L-2183** is an adhesive grade polyurethane suggested for modifying industrial laminating adhesives. L-2183 may also be used in pressure sensitive applications due to high initial grab.
- CHARACTERISTICS:**
- < Low activation temperature (200° F)
  - < Can be crosslinked to improve bond strength and heat-resistance.
  - < Non-crystalline nature
  - < Contains n-methyl pyrrolidone co-solvent.
- APPLICATION:** **L-2183** can be used as supplied or blended with vinyl acetate/ethylene, styrene butadiene and acrylic emulsions. The rheology of L-2183 may be modified with associative or acrylic thickeners for knife-over-roll or similar methods.
- DRYING/CURING:** **L-2183** may be crosslinked with polyaziridines, water dispersible polyisocyanates, epoxy silanes or low temperature curing melamines to increase bond strength and heat resistance.

### PHYSICAL PROPERTIES

<b>SOLIDS</b>	35%(+/- 1%)
<b>VISCOSITY</b>	50 – 500 (Brookfield RVT, sp. 3, 100 rpm)
<b>pH</b>	7.0 - 9.5
<b>DENSITY</b>	8.6 lbs/gal
<b>VOC CONTENT</b>	0.39 lbs/gal
<b>SOFTENING PT.</b>	200° F

### TENSILE PROPERTIES

<b>ELONGATION</b>	1200%
<b>TENSILE STRENGTH</b>	1500 psi
<b>100% MODULUS</b>	75 psi
<b>200% MODULUS</b>	85 psi
<b>300% MODULUS</b>	100 psi