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## Hauthane L-2255

- DESCRIPTION:** A high solids, anionic, aliphatic, aqueous polyurethane dispersion.
- SUGGESTED USES:** **L-2255** is an adhesive grade polyurethane suggested for industrial laminating applications. Suitable for bonding plasticized vinyl sheet to itself and to other substrates such as rubber, wood, cardboard and textiles.
- CHARACTERISTICS:**
- < High solids (48%), co-solvent free
  - < Can be crosslinked to improve bond strength and heat-resistance.
  - < Non-crystalline nature
- APPLICATION:** **L-2255** can be used as supplied or blended with vinyl acetate/ethylene, styrene butadiene and acrylic emulsions. The rheology of L-2255 may be modified with associative or acrylic thickeners for knife-over-roll or similar methods.
- DRYING/CURING:** **L-2255** will dry to a tack-free film in 10 minutes at 200° F. Heat activation will occur between 235 – 245° F. L-2255 may be crosslinked with polyaziridines, water dispersible polyisocyanates, epoxy silanes or low temperature melamines to increase bond strength and heat resistance.

### PHYSICAL PROPERTIES

<b>SOLIDS</b>	48%(±1%)
<b>VISCOSITY</b>	100 – 1000 (Brookfield RVT, sp. 3, 100)
<b>pH</b>	7.0 - 9.5
<b>DENSITY</b>	8.75 lbs/gal
<b>VOC CONTENT</b>	10 g/l (as supplied)
<b>SOFTENING PT.</b>	240° F

### TENSILE PROPERTIES

<b>ELONGATION</b>	580 %
<b>TENSILE STRENGTH</b>	3000 psi
<b>100% MODULUS</b>	800 psi
<b>200% MODULUS</b>	1050 psi
<b>300% MODULUS</b>	1370 psi