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## Hauthane L-2985

**DESCRIPTION:** Soft, aliphatic, water-borne polyurethane dispersion in a blend of DMM and propylene glycol solvents.

**SUGGESTED USES:** **L-2985** was designed for use in textile applications that require a soft hand coupled with very good strength, abrasion resistance, excellent adhesion, and excellent resiliency. Due to its overall properties, **L-2985** can be used as a finish or a coating. This versatile urethane is ideally suited for use as a finish for nylon and polyester threads and as a coating for nylon and vinyl substrates. **L-2985** is also ideally suited for textile-coating applications that require excellent low temperature flex crack resistance. The low melt temperature also allows **L-2985** to be used as a heat seal coating. When properly formulated, **L-2985** can be used as a coating for awning fabrics, boat cover fabrics, and other architectural fabrics.

**CHARACTERISTICS:** NMP-free, APEO-free  
Superior flexibility  
Soft, tough, flexible film  
Good abrasion resistance  
Superior low temperature, flex-crack resistance  
Low melting point (265°F)

**APPLICATION:** **L-2985** may be used as a sole vehicle or blended with acrylic emulsions. Viscosity modification can be made with associative thickeners for application by spray, knife-over-roll, or other methods.

**CURING:** Typical oven drying temperatures and dwell times for aqueous coatings are sufficient to produce optimal film properties. Do not use crosslinking agents for heat-seal coating applications.

### PHYSICAL PROPERTIES

<b>SOLIDS</b>	35% (±1%)
<b>VISCOSITY</b>	50-500 cps
<b>pH</b>	7.5-10.0
<b>DENSITY</b>	8.9 lb/gal
<b>SOFTENING POINT</b>	265°F
<b>VOC CONTENT</b>	129 g/l (as supplied)

### TENSILE PROPERTIES

(Tested at 20 inches/minute)	
<b>ELONGATION</b>	550 %
<b>TENSILE STRENGTH</b>	4,000 psi
<b>100% MODULUS</b>	500 psi
<b>200% MODULUS</b>	900 psi
<b>300% MODULUS</b>	1,500 psi