

- DESCRIPTION:** An aliphatic, APEO and NMP free of silicone-modified, polyester-based, water-borne polyurethane dispersion.
- SUGGESTED USES:** **L-2857** was designed primarily for topcoat applications where slip and abrasion resistance properties are required. **L-2857** contains a non-fugitive silicone component that provides low surface tension characteristics on flexible and rigid substrates including plastics, metals and textiles.
- CHARACTERISTICS:**
- < May be formulated into low surface tension coatings
  - < Excellent abrasion resistance
  - < Non-fugitive silicone component
  - < Crosslinkable for improved adhesion and performance
  - < Contains dipropylene glycol dimethyl ether co-solvent
- APPLICATION:** **L-2857** may be used as a sole vehicle or blended with acrylic emulsions for spray or rotogravure applications. Rheology modifications can be made with associative thickeners for alternative application methods.
- DRYING:** **L-2857** can be air dried, if desired, depending on film thickness. Typical oven drying temperatures and dwell times for aqueous coatings are sufficient to produce optimal film properties.

### PHYSICAL PROPERTIES

<b>SOLIDS</b>	35%(+/- 1%)
<b>VISCOSITY</b>	50-500 cps*
<b>pH</b>	7.0-9.5
<b>DENSITY</b>	8.7 lbs/gal
<b>SOFTENING POINT</b>	305°F
<b>VOC CONTENT</b>	73 gm/l
<b>SWARD HARDNESS</b>	35

### TENSILE PROPERTIES

(TESTED AT 20 INCHES/MINUTE)	
<b>ELONGATION</b>	300%
<b>TENSILE STRENGTH</b>	>6375 psi
<b>100% MODULUS</b>	3180 psi
<b>200% MODULUS</b>	4610 psi
<b>300% MODULUS</b>	NA

**SPECIAL NOTE:** Mix well before removing product from containers. Container lids must be re-sealed tightly with the plastic header film after each use.

**STORAGE STABILITY:** The product must be stored in a controlled environment between 5 – 40°C and protected from direct exposure to sunlight. Shelf-life is 1 year from manufacture date (see lot # for date).

*This information is believed to be accurate but is not guaranteed and we assume no legal responsibility for its accuracy. User should test the product to determine its suitability for their particular purpose. Nothing presented here is to be construed as a recommendation or inducement to use our product. We shall not be liable for any claims for damages, whether based on contract, negligence, and strict liability in tort or otherwise. Our products are sold without any implied warranty of merchantability or fitness for a particular purpose.*

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