

- DESCRIPTION:** An anionic, aliphatic, polyester-based, 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 (200F)
Can be crosslinked to improve bond strength and heat resistance
Non-crystalline nature
Contains n-methyl pyrrolidone (NMP) 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:** **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

SOLIDS:	35%(+/- 1%)
VISCOSITY:	50-500 cps
pH:	7.0-9.5
DENSITY:	8.6 lb/gal
SOFTENING POINT:	200F

TENSILE PROPERTIES

(Tested at 20 inches/minute)	
ELONGATION:	1200%
ULT. TENS. STR.	1500 PSI
100% MODULUS:	75 PSI
200% MODULUS:	85 PSI
300% MODULUS:	100 PSI

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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