

- 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:** Can be crosslinked for improve bond strength and heat resistance
Non-crystalline nature
High solids(48%) co-solvent free
- 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:** **L-2255** will dry to a tack-free film in 10 minutes at 200F. heat activation will occur between 235~245F. **L-2255** may be crosslinked with polyaziridines, water dispersible polyisocyanates, epoxy silanes or low temperature curing melamines to increase bond strength and heat resistance.

<u>PHYSICAL PROPERTIES</u>		<u>TENSILE PROPERTIES</u>	
SOLIDS:	48.0%(+/- 1%)	(Tested at 20 inches/minute)	
VISCOSITY:	100-1000 cps	ELONGATION:	580%
PH:	7.5-9.5	ULT. TENS. STR.	3000 PSI
DENSITY:	8.75 lb/gal	100% MODULUS:	800 PSI
MELT POINT:	240 F	200% MODULUS:	1050 PSI
V.O.C. CONTENT:	0.1%	300% MODULUS:	1370 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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