

- DESCRIPTION:** A soft, NMP-free, aliphatic, polycarbonate-based, polyurethane dispersion.
- SUGGESTED USES:** L-3121 was designed primarily for use on flexible substrates as a coating, saturant or impregnant.
- CHARACTERISTICS:** Maximum hydrolytic stability and oxidation resistance
Outstanding toughness and abrasion resistance
Can be crosslinked to enhance performance
Dilution and clean-up with ordinary tap water
Contains dipropylene glycol dimethyl ether (DMM) co-solvent
- APPLICATION:** L-3121 can be used as a sole vehicle or blended with acrylic emulsions for spray or rotogravure applications. It may be thickened with associative thickeners for knife-over-roll or similar methods.
- DRYING:** L-3121 may be air dried, if desired, depending on film thickness. Typical drying temperatures and dwell times for aqueous coatings are sufficient to produce optimal film properties.

PHYSICAL PROPERTIES*

SOLIDS	35% (±1%)
VISCOSITY	50-500 cps
pH	7.5-10.0
DENSITY	8.8 lbs/gal
SOFTENING POINT	240°F
VOC CONTENT	124 g/l (as supplied)
SWARD HARDNESS	10

TENSILE PROPERTIES*

(TESTED AT 20 INCHES/MINUTE)	
ELONGATION	480 %
TENSILESTRENGTH	>7300 psi
100% MODULUS	875 psi
200% MODULUS	1450 psi
300% MODULUS	2950 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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