

DESCRIPTION: A branched, aliphatic, co-solvent free, polyether-based, polyurethane dispersion.

SUGGESTED USES: L-2357 was designed for a variety of coating and adhesive applications where the chemical- and thermal-resistance of a crosslinked system are required, but the use of a multiple component system is neither feasible nor desirable.

CHARACTERISTICS:

- < Contains no co-solvent
- < Medium hard, tough film
- < Polymer branching improves film resistance properties
- < Dries to clear, glossy, non-discoloring film
- < Dilution and cleanup of wet material with water

APPLICATION: L-2357 can be used as supplied or blended with acrylic emulsions for spray or rotogravure applications. It can be thickened with associative thickeners for knife-over-roll or similar methods.

DRYING: L-2357 can 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	50-150 cps
pH	9.0-10.0
DENSITY	8.6 lb/gal
SOFTENING POINT	325°F
VOC CONTENT	16 g/l (as supplied)

TENSILE PROPERTIES

(TESTED AT 20 INCHES/MINUTE)	
ELONGATION	380 %
TENSILE STRENGTH	>4500 psi
100% MODULUS	1500 psi
200% MODULUS	2000 psi
300% MODULUS	N/A 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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