

- DESCRIPTION :** An aliphatic (lightfast), aqueous urethane dispersion polymer specifically developed for factory coating PVC flooring.
- SUGGESTED USES :** **HD-2139** was developed as a high gloss, no wax top finish for expanded PVC flooring. Can be factory applied as a fused coating during PVC expansion. **HD-2139** is ideally suited for PVC roll or sheet goods requiring a 180 degree reverse bend.
- CHARACTERISTICS:** High gloss.  
Excellent mar and wear resistance.  
Excellent staining resistance.  
Remarkably high balance of physical properties.
- APPLICATION:** Used as supplied by rotogravure, reverse roll, flexible blade, or wire wound rod. It may be thickened for knife over roll or similar methods.
- CURING:** **HD-2139** should be dried by forced hot air or heat lamp before entering fuser oven. Dry 1 minute at 110 C. Then 2 minutes at 200C maximum performance is attained with additions by weight of: 6% **HA-801** melamine crosslinker or 4% **HA-800** aziridine crosslinker.

PHYSICAL PROPERTIES		TENSILE PROPERTIES	
<b>SOLIDS:</b>	33%(+/- 1%)	(Tested at 2 inches/minute)	
<b>VISCOSITY:</b>	50-150 cps	<b>ELONGATION:</b>	135%
<b>pH:</b>	7.0-9.5.0	<b>ULT. TENS. STR.</b>	>6000 PSI
<b>DENSITY:</b>	8.7 lb/gal	<b>100% MODULUS:</b>	5700 PSI
<b>SOFTENING POINT:</b>	360 F	<b>200% MODULUS:</b>	N/A
<b>V.O.C. CONTENT</b>	1.02 lbs/gal (As supplied)	<b>300% MODULUS:</b>	N/A

**\*PLEASE CONTACT US FOR SPECIFIC RECOMMENDATIONS ON THICKENERS OR CROSSLINKERS.**

**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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