

C. L. Hauthaway & Sons Corporation  
592-6444  
638 Summer Street Lynn, MA 01905-2092

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[www.hauthaway.com](http://www.hauthaway.com)

## Hauthane HD-2120 DMM

**DESCRIPTION:** A very hard, NMP-free, APEO-free, aliphatic, polyester polyurethane dispersion.

**SUGGESTED USES:** **HD-2120 DMM** was developed for use on rigid PVC. Coatings containing this polymer form hard, tough, hydrolysis-, chemical- and stain-resistant films, which approach 2-component polyurethane performance levels. Superior adhesion to PVC makes it the ideal candidate for automotive interior parts, vinyl furniture and components.

**CHARACTERISTICS:** Superior adhesion to PVC  
Excellent UV resistance  
Exceptional alcohol resistance  
Humidity resistance  
Contains dipropylene glycol dimethyl ether cosolvent

**APPLICATION:** **HD-2120 DMM** can be used as a sole vehicle or blended with acrylic emulsions for spray, dip or rotogravure applications. It can be thickened with associative thickeners for alternative application methods.

**DRYING:** The addition of coalescing solvent is recommended to achieve optimal film formation with **HD-2120 DMM**. In ambient-cured systems the addition of 5-10% DPnB coalescing solvent is suggested. Less coalescing solvent is required in heat-cured systems to attain comparable film properties. Typical drying temperatures and dwell times for aqueous coatings are sufficient to optimize film characteristics.

### PHYSICAL PROPERTIES

<b>SOLIDS</b>	35% ( $\pm 1\%$ )
<b>VISCOSITY</b>	100-600 cps*
<b>DENSITY</b>	8.7 lbs/gal

### TENSILE PROPERTIES

(TESTED	AT	2
INCHES/MINUTE)		
<b>ELONGATION</b>		35 %
<b>TENSILE STRENGTH</b>		8500 psi

<b>pH</b>	7.5 - 10.0	<b>100% MODULUS</b>	NA
<b>SOFTENING POINT</b>	355°F	<b>200% MODULUS</b>	NA
<b>VOC CONTENT</b>	111 g/l (as supplied)	<b>300% MODULUS</b>	NA
<b>VOC CONTENT</b>	256 g/l (less water)		
<b>SWARD HARDNESS</b>	52		

\*Provisional Specification – May be revised after plant scale-up.

*HD-2120 DMMcl*

*Revised 6/21*