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## Hauthane HD-2501 DMM

**DESCRIPTION:** A soft, NMP-free, aliphatic, polycarbonate-based, polyurethane dispersion.

**SUGGESTED USES:** **HD-2501 DMM** 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:** **HD-2501 DMM** 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:** **HD-2501 DMM** 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

<b>SOLIDS</b>	35% ( $\pm 1\%$ )
<b>VISCOSITY</b>	50-500 cps
<b>pH</b>	7.5-10.0
<b>DENSITY</b>	8.8 lbs/gal
<b>SOFTENING POINT</b>	240°F
<b>VOC CONTENT</b>	124 g/l (as supplied)
<b>VOC CONTENT</b>	282 g/l (less water)
<b>SWARD HARDNESS</b>	10

### TENSILE PROPERTIES

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