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## Hauthane HD-2503 DMM

**DESCRIPTION:** A polycarbonate-based, aliphatic, water-borne polyurethane dispersion.

**SUGGESTED USES:** **HD-2503 DMM** was developed for general coatings use on wood, plastic and metal substrates. The product offers exceptional resistance to hydrolysis, oxidation and UV-degradation. HD-2503 DMM is ideally suited for exterior applications where film durability and longevity are important considerations.

**CHARACTERISTICS:**

- < Excellent exterior weathering durability
- < Excellent humidity resistance
- < Contains dipropylene glycol dimethyl ether (DMM) co-solvent

**APPLICATION:** **HD-2503 DMM** may be formulated into coatings applied by spray, brush or pad applicator. It can be used as a sole vehicle or blended with acrylic emulsions. The rheology may be modified with associative thickeners.

**CURING:** Typical oven drying temperatures and dwell times for aqueous coatings are sufficient to produce optimal film properties. Enhanced film properties can be obtained when this product is crosslinked with any of a variety of external crosslinking agents.

### PHYSICAL PROPERTIES

<b>SOLIDS</b>	35% (± 1%)
<b>VISCOSITY</b>	50-500 cps
<b>DENSITY</b>	1.04 g/cm <sup>3</sup>
<b>pH</b>	7.5 - 10.0
<b>VOC CONTENT</b>	100 g/l (as supplied)
<b>VOC CONTENT</b>	240 g/l (less water)

### TENSILE PROPERTIES

(TESTED AT 20 INCHES/MINUTE)	
<b>ELONGATION</b>	210 %
<b>TENSILE STRENGTH</b>	6825 psi
<b>100% MODULUS</b>	4700 psi
<b>200% MODULUS</b>	6600 psi
<b>300% MODULUS</b>	NA

**SOFTENING POINT 355°F**

*HD-2503 DMMcl*

*Revised 6/21*