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## Hauthane HD-2602 DMM

**DESCRIPTION:** An NMP-free, APEO-free, silicone-modified, polyester-based, water-borne polyurethane dispersion.

**SUGGESTED USES:** **HD-2602 DMM** was designed primarily for topcoat applications where slip and abrasion resistance properties are required. **HD-2602 DMM** contains a non-fugitive silicone component that provides low surface tension characteristics on flexible and rigid substrates including plastics, metals and textiles.

**CHARACTERISTICS:**

- May be formulated into low surface tension coatings
- Excellent abrasion resistance
- Non-fugitive silicone component
- Crosslinkable for improved adhesion and performance
- Contains dipropylene glycol dimethyl ether co-solvent

**APPLICATION:** **HD-2602 DMM** may be used as a sole vehicle or blended with acrylic emulsions for spray or rotogravure applications. Rheology modifications can be made with associative thickeners for alternative application methods.

**DRYING:** **HD-2602 DMM** can be air dried, if desired, depending on film thickness. Typical oven drying temperatures and dwell times for aqueous coatings are sufficient to produce optimal film properties.

### PHYSICAL PROPERTIES

**SOLIDS** 35% ( $\pm$  1%)  
**VISCOSITY**

**pH** 7.0-9.5  
**DENSITY** 8.7 lbs/gal  
**SOFTENING POINT** 305°F

### TENSILE PROPERTIES

(TESTED AT 20 INCHES/MINUTE)  
50-500 cps\*

**ELONGATION**  
300%

**TENSILE STRENGTH** >6375 psi  
**100% MODULUS** 3180 psi  
**200% MODULUS** 4610 psi

**VOC CONTENT**

73 g/l (as supplied)

**300% MODULUS**

NA

**VOC CONTENT**

190 g/l (less water)

**SWARD HARDNESS** 35

\*Provisional specification

*HD-2602 DMMcl*

*Revised 6/21*