

C. L. Hauthaway & Sons Corporation
638 Summer Street Lynn, MA 01905-2092
www.hauthaway.com

781 592-6444

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% (± 1%)
VISCOSITY

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

73 g/l (as supplied)
NA

TENSILE PROPERTIES

(TESTED AT 20 INCHES/MINUTE)

50-500 cps*

ELONGATION

300%

TENSILE STRENGTH >6375 psi

100% MODULUS 3180 psi

200% MODULUS 4610 psi

300% MODULUS

VOC CONTENT
SWARD HARDNESS 35

190 g/l (less water)

*Provisional specification

HD-2602 DMMcl

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