

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

781 592-6444  
www.hauthaway.com

## Hauthane HD-5002

**DESCRIPTION:** A cost effective, aliphatic polyurethane / acrylic hybrid dispersion with an exceptional balance of properties.

**SUGGESTED USES:** **HD-5002** was designed for coatings applications on a wide variety of plastic substrates, including ABS, Lexan, Noryl and polystyrene where abrasion and chemical resistance properties are required.

**CHARACTERISTICS:**

- ▶ Extreme toughness, abrasion and mar resistance
- ▶ Broad adhesion latitude to plastics
- ▶ Outstanding water and chemical resistance
- ▶ Excellent exterior weathering performance
- ▶ Can be crosslinked to enhance performance
- ▶ Dilution and clean-up with ordinary tap water
- ▶ Contains n-methyl pyrrolidone (NMP) co-solvent

**APPLICATION:** **HD-5002** can be used as a sole vehicle for spray or rotogravure applications. Rheology modifications can be made with associative thickeners for alternative application methods.

**DRYING:** **HD-5002** can 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>	40%(+/- 1%)
<b>VISCOSITY</b>	50-250 cps
<b>pH</b>	8.0 - 9.5
<b>DENSITY</b>	8.7 lbs/gal
<b>SOFTENING POINT</b>	305°F
<b>VOC CONTENT</b>	50 gm/l
<b>SWARD HARDNESS</b>	52
<b>PENCIL HARDNESS</b>	H

### TENSILE PROPERTIES

(TESTED AT 2 INCHES/MINUTE)	
<b>ELONGATION</b>	NA
<b>TENSILE STRENGTH</b>	NA
<b>100% MODULUS</b>	NA
<b>200% MODULUS</b>	NA
<b>300% MODULUS</b>	NA