

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

781 592-6444
www.hauthaway.com

Hauthane L-3529

DESCRIPTION: A soft, co-solvent free, aliphatic, polycarbonate-based polyurethane dispersion.

SUGGESTED USES: **L-3529** was designed primarily for use on flexible substrates as a coating, saturant or impregnant. It may be blended with L-3528 to increase hardness.

CHARACTERISTICS:

- < Maximum hydrolytic stability and oxidation resistance
- < Outstanding toughness and abrasion-resistance
- < Good water and chemical resistance
- < Can be crosslinked to enhance performance
- < Co-solvent free, tin-free, APEO-free.

APPLICATION: **L-3529** 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: **L-3529** 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

SOLIDS	35% ($\pm 1\%$)
VISCOSITY	75-200 cps
pH	8.5-10.0
DENSITY	8.8 lbs/gal
VOC CONTENT	35 g/l (less water)

TENSILE PROPERTIES

(TESTED AT 20 INCHES/MINUTE)

ELONGATION	640 %
TENSILE STRENGTH	3650 psi
100% MODULUS	375 psi
200% MODULUS	545 psi
300% MODULUS	800 psi