

HYDRO-REZ™ 3013 E**Acrylic resin in water solution****IMPORTANT CHARACTERISTICS:**

Hydro-Rez™ 3013 E is a 30 % styrene acrylic polymer in water.

Hydro-Rez™ 3013 E is used in flexographic inks, gravure inks and paper coatings.

Hydro-Rez™ 3013 E is very suitable for tissues, wall paper, corrugated board and wrapping paper.

Hydro-Rez™ 3013 E exhibits low odour and high finish in pigmented ink and coatings.

Hydro-Rez™ 3013 E exhibits excellent wet-rub resistance and dry-rub resistance.

When used for pigment wetting **Hydro-Rez™ 3013 E** gives low viscosity at high pigment loading and low viscosity at high resin content.

Hydro-Rez™ 3013 E is compatible with up to 50 % by weight of rosin ester in water based systems and is compatible with styrenated shellac, shellac and other acrylics in all proportions.

APPLICATIONS:

- Flexographic and Gravure inks
- Paper coatings
- Printing on tissues, napkins, wall paper, corrugated board and wrapping paper
- Can be diluted with water and/or alcohols
- No ammonia or volatile base need to be added.

BENEFITS:

- Excellent pigment wetting
- Excellent wet-rub and dry-rub resistance
- Broad compatibility with other resins
- Low odour
- Good resolubility: Fresh inks are easily cleaned up with water. Dried up inks can be cleaned with a blend of water and alcohol

Typical Properties

Property	Value	Unit	Test Method*
Solids	30	%	Calculated
Viscosity	125	mPa.s	Brookfield 25 °C, spindle 3, 100 rpm
pH	8,5		@ 25°C
Tg	22	°C	
Acid Value	55	Mg KOH / g	LIMR1

Updated: February 24, 2011 by AdK

* Lawter Standard Test Method

® and ™ Licensed trademarks of Lawter, Inc.

DISCLAIMER

The information provided herein was believed by Lawter, Inc. ("Lawter") to be accurate at the time of preparation or prepared from sources believed to be reliable, but it is the responsibility of the user to investigate and understand other pertinent sources of information, to comply with all laws and procedures applicable to the safe handling and use of the product, and to determine the suitability of the product for its intended use. All products supplied by Lawter are subject to Lawter's terms and conditions of sale. LAWTER MAKES NO WARRANTY, EXPRESS OR IMPLIED, CONCERNING THE PRODUCT OR THE MERCHANTABILITY OR FITNESS THEREOF FOR ANY PURPOSE OR CONCERNING THE ACCURACY OF ANY INFORMATION PROVIDED BY LAWTER, except that the product shall conform to Lawter's specifications. Nothing contained herein constitutes an offer for the sale of any product.