



Technical Data Sheet

# FLEX-REZ™ 1155 AS C

## Alcohol Soluble Polyamide Resin

### IMPORTANT CHARACTERISTICS:

**Flex-Rez™ 1155 AS C** is alcohol soluble Polyamide Resin for pigment wetting.

**Flex-Rez™ 1155 AS C** is the most versatile resin of the **Flex-Rez Series**.

**Flex-Rez™ 1155** combines excellent alcohol solubility with nitrocellulose compatibility to produce flexographic inks having excellent gloss and printability.

**Flex-Rez™ 1155** also exhibits excellent tolerance for ester solvents.

The high degree of compatibility along with high solubility makes **Flex-Rez™ 1155 AS C** an excellent polyamide for pigment grinding. Pigment dispersion results show improved colour development, colour strength and reduced viscosity of the dispersion. For a complete system consider the **Flex-Rez™ 2433 AD C** for high performance properties in your ink.

Additionally, **Flex-Rez™ 1155 AS C** has outstanding gel resistance and can be used to improve gel characteristics when combined with traditional polyamide resins. **Flex-Rez™ 1155 AS C** has excellent adhesion on all difficult substrates.

**Flex-Rez™ 1155 AS C** is very suitable for alcohol soluble cold seal release lacquers

### APPLICATIONS:

- Gravure Inks
- Overprint Varnishes
- Flexographic Inks
- Cold seal release lacquers
- Heat-Seal Coatings

### BENEFITS:

- Very good pigment wetting, low viscosity
- Excellent adhesion
- Very good grease-,oil-, lard-, alkali- & water resistance
- High gloss
- Broad compatibility with cellulose-, rosin- and phenolic resins

### Typical Properties

Property	Value	Unit	Test Method*
Acid Value	< 6	mg KOH / g	LIMR1
Hydroxyl Value	< 1	Mg KOH / g	
Melting Point	115	°C	LIMR17

Updated: February 22, 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.