

FLEX-REZ™ 1155AS C

FLEX-REZ™ 1155AS C is alcohol soluble polyamide resin that combines excellent alcohol solubility with nitrocellulose compatibility to produce flexographic inks having excellent gloss and run ability. It exhibits excellent tolerance for ester solvents. The high degree of compatibility along with high solubility makes **FLEX-REZ™ 1155AS C** an excellent polyamide for pigment wetting applications. Additionally, **FLEX-REZ™ 1155AS C** has outstanding gel resistance and can be used to improve gel characteristics when combined with traditional polyamide resins. **FLEX-REZ™ 1155AS C** has excellent adhesion on all difficult substrates.

Application

Gravure inks, Coatings and overprint varnishes, Flexographic inks, and Cold seal release lacquer

- ▲ Good gel resistance
- ▲ Grease-, oil-, lard-, alkali-, water resistance
- ▲ Pigment wetting
- ▲ Film forming
- ▲ Adhesion
- ▲ High gloss
- ▲ NC-compatible

Typical properties

Property	Value	Unit	Test Method
Acid value	Max.6	mgKOH/g	
Amine value	Max.6	mgKOH/g	
Viscosity (50% N.V. in 95% Ethanol)	D		G-H, End-End, 25 °C
Dilution(N.V. in 95% Ethanol)	Max.30%		
Melting point	115	°C	Ring & Ball method

Updated January 6, 2025 by JH

Packaging

Flex-Rez™ 1155AS C is shipped in 25 kg bags.

Shelf life and storage conditions

Shelf life from date of production is typically 24 months. The resin should be stored at temperatures below 30°C. If the resin is stored wrongly or for a longer period of time, an increase in viscosity and color is possible.

® 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.