



Technical data sheet

FLEX-REZ 1155AS

Alcohol Soluble Polyamide Resin

IMPORTANT CHARACTERISTICS:

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

APPLICATIONS:

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

BENEFITS:

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

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 5/18/11 TM

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