



Technical data sheet

## **FLEX-REZ 4512AS**

### ***Alcohol Soluble Polyamide Resin***

#### **IMPORTANT CHARACTERISTICS:**

**Flex-rez 4512 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 4512 AS** an excellent polyamide for pigment wetting applications. Additionally, **Flex-rez 4512 AS** has outstanding gel resistance and can be used to improve gel characteristics when combined with traditional polyamide resins. **Flex-rez 4512 AS** has excellent adhesion on all difficult substrates.

#### **APPLICATIONS:**

- Gravure inks
- Coatings and overprint varnishes
- Flexographic inks

#### **BENEFITS:**

- High solubility in alcohol
- Low viscosity
- High gloss
- Deepfreeze and water resistance
- Gel resistance
- NC-compatible

#### **Typical Properties**

<b>Property</b>	<b>Value</b>	<b>Unit</b>	<b>Test Method</b>
Acid value	Max.6	mgKOH/g	
Amine value	Max.6	mgKOH/g	
Viscosity (50% N.V. in 95% Ethanol )	B		G-H, End-End, 25 °C
Dilution (in 95% Ethanol)	Max. 26%		
Melting point	110	°C	Ring & Ball method

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