



Technical data sheet

FLEX-REZ 1084AS

Alcohol Soluble Polyamide Resin

IMPORTANT CHARACTERISTICS:

Flex-rez 1084 AS is exceptionally high in melt point(185 °C) and should be evaluated in applications demanding high heat resistance. Additionally, **Flex-rez 1084 AS** in solution will not gel at low temperatures, and when added to ordinary polyamide inks, it will impart some gel resistance.

Although **Flex-rez 1084 AS** is not a film former as other polyamide resins, it lends hardness to the film that makes it useful as a modifier for improving grease, scratch and rub resistance.

Flex-rez 1084 AS offers great potential in the formulation of unique, high performance inks for a variety of synthetic polymer substrates.

APPLICATIONS:

- Gravure inks
- Coatings and overprint varnishes
- Flexographic inks
- Not a film former

BENEFITS:

- High heat resistance
- Fast solvent release
- Grease resistance
- Modifier for film formers
- Gel resistance

Typical Properties

Property	Value	Unit	Test Method
Acid value	Max.15	mgKOH/g	
Amine value	Max.15	mgKOH/g	
Viscosity (45% N.V. in 95% Ethanol)	E		G-H, End-End, 25 °C
Colour	Max.18		
Melting point	185	°C	Ring & Ball method

Updated 5/18/11 TM

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