



Technical Data Sheet

# FLEX-REZ™ 1084 AS C

## Alcohol Soluble Polyamide Resin

### IMPORTANT CHARACTERISTICS:

**Flex-Rez™ 1084 AS C** is a alcohol soluble non-film forming Polyamide Resin.

**Flex-Rez™ 1084 AS C** is exceptionally high in melt point (185°C) and should be evaluated in applications demanding high heat resistance.

Additionally, **Flex-Rez™ 1084 AS C** 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 C** is not a film former as are the other polyamide resins, this resin lends hardness to the film making it useful as a modifier for improving grease, scratch and rub resistance.

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

**Flex-Rez™ 1084 AS C** exhibits a fast solvent release.

### APPLICATIONS:

- Gravure Inks
- Overprint Varnishes
- Flexographic Inks
- Heat-Seal Coatings

### BENEFITS:

- High heat resistance
- Excellent gel resistance
- Promotes hardness to the film
- Improves grease, scratch and rub resistance
- Fast solvent release

### Typical Properties

Property	Value	Unit	Test Method*
Acid Value	< 15	mg KOH / g	LIMR1
Hydroxyl Value	< 1	Mg KOH / g	
Melting Point	185	°C	LIMR17

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\* Lawter Standard Test Method

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