



Technical Data Sheet

## Filtrez™ 521 A Fumaric Modified Rosin Ester

### IMPORTANT CHARACTERISTICS:

**Filtrez™ 521 A** is an alcohol soluble fumaric modified rosin ester. **Filtrez 521 A** is a high acid value, high softening point resin whose broad range of solubility and compatibility makes it an excellent choice in flexographic printing inks.

### APPLICATIONS:

- Flexographic inks

### BENEFITS:

- High softening point
- Good solubility

### Typical Properties

Property	Value	Test Method/Standard
Melt Point:	153°C	Ring & Ball, degC BAX-QC-100
Acid Value:	217	BAX-QC-102
Viscosity:	F (2 sec.)	Gardner-Holdt, 60%NV Ethanol, 25°C BAX-QC-105
Color:	8	Gardner Color BAX-QC-103
Weight per Gallon:	9.6 pounds	BAX-QC-130
Tg:	98.5	Glass Transition Temperature

Updated 5/18/2015 TD

### SOLUBILITY PARAMETERS:

**(Determined at 50% resin concentration)**

Class I Solvents	8.5 - 9.7
Class II Solvents	8.4 - 10.0
Class III Solvents	Insoluble

Compatible with nitrocellulose, ethyl cellulose, shellac, polyamide resins and other film formers commonly used in printing inks and lacquer type coatings.

For more information, please contact your sales or technical representative.

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