



Filtrez™ 575 A Fumaric Modified Rosin Ester

IMPORTANT CHARACTERISTICS:

Filtrez™ 575 A is an alcohol soluble fumaric acid modified rosin ester with a high softening point and high acid value. **Filtrez 530 A** has good solubility in alcohol and aqueous ammonia solutions, and is commonly used in solvent and water-based gravure and flexographic inks.

Filtrez 575 A has characteristics similar to acrylic resins with regards to drying, transfer, gloss, and water resistance of the dry film. The enhanced performance is due to its basic chemical composition, which sets it apart from many other fumaric resins. This resin is particularly useful in non-alcohol, low VOC, water-based inks.

APPLICATIONS:

- Flexographic inks
- Gravure inks
- Coatings

BENEFITS:

- Good transfer
- Good gloss and water resistance

Typical Properties

Property	Value	Test Method / Standard
Melt Point:	150°C	Ring & Ball, degC BAX-QC-100
Acid Value:	195	BAX-QC-102
Viscosity:	G (2.2 sec.)	Gardner-Holdt, 60%NV Ethanol, 25°C BAX-QC-105
Color:	10	Gardner Color BAX-QC-103
Weight per gallon:	9.6 pounds	BAX-QC-130
Tg:	104.3°C	Glass Transition Temperature

Updated 6/26/2015 TD

SOLUBILITY PARAMETERS:

(Determined at 50% resin concentration)

Class I Solvents	8.7 - 9.7
Class II Solvents	8.4 - 10.0
Class III Solvents	10.7 - 14.5

Compatible with acrylics, waxes and limited compatibility in aromatic free nitrocellulose systems.

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

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