

FILTREZ™ 521

FILTREZ™ 521 is an alcohol soluble fumaric modified rosin ester. **FILTREZ™ 521** 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. Compatible with nitrocellulose, ethyl cellulose, shellac, polyamide resins and other film formers commonly used in printing inks and lacquer type coatings.

Applications

Flexographic inks.

▲ High softening point

▲ Good solubility

Typical properties

Property	Value	Unit	Test Method
Melt Point	154	°C	Ring & Ball, BAX-QC-100
Acid Value	220	mg KOH/g	BAX-QC-102
Viscosity (60 % in Ethanol)	2.1" (F)	seconds	Gardner-Holdt , 25°C, BAX-QC-105
Color (60 % in Ethanol)	8	-	Gardner Color, BAX-QC-103
Tg	98.5	°C	Glass Transition Temperature
Bio-Renewable Content, (+/-2%)	76	wt%	Theoretical value based on formulation

Updated March 4, 2025 by AH

Packaging

FILTREZ™ 521 is shipped in 1000 or 2000 lb FIBC's type D, or in 50 lb paper bags.

Shelf life and storage conditions

When stored properly, shelf life from date of production is approximately 12 months. The resin should be stored at temperatures under 30°C (86°F). If the resin is stored improperly or for a longer period of time, an increase in viscosity and cloud point is possible.

Product carbon footprint calculated in line with ISO14040 standard is available upon request.

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