

FILTREZ™ 531

FILTREZ™ 531 is an alcohol soluble fumaric acid modified rosin ester with a high softening point and moderately high acid value. **FILTREZ™ 531** can be used in solvent and water-based flexographic and in gravure inks. This resin can also be used as a leveling and gloss-promoting agent in floor polishes.

Applications

Flexographic inks, gravure inks, coatings, and floor polishes.

▲ High softening point

▲ Moderately high acid value

▲ Promotes gloss

Typical properties

Property	Value	Unit	Test Method
Melt Point	154	°C	Ring & Ball, BAX-QC-100
Acid Value	177	mg KOH/g	BAX-QC-102
Viscosity (60 % in Ethanol)	3.3" (J)	seconds	Gardner-Holdt , 25°C, BAX-QC-105
Color (60 % in Ethanol)	7	-	Gardner Color, BAX-QC-103
Tg	105	°C	Glass Transition Temperature
Bio-Renewable Content, (+/-2%)	79	wt%	Theoretical value based on formulation

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Packaging

FILTREZ™ 531 is shipped in 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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