

FILTREZ™ 591

FILTREZ™ 591 is an alcohol soluble, fumaric acid modified, rosin adduct with a high acid value and good solubility in glycol systems. **FILTREZ™ 591** is designed especially for moisture set inks exhibiting fast setting and good press stability. **FILTREZ™ 591** can also be used in pigment striking as an additive. The high acid value, low molecular weight and rosin nature can enhance the pigment's receptivity to wetting.

Applications

Moisture set and pigment striking.

▲ Good press stability

▲ Enhances pigment wetting

Typical properties

Property	Value	Unit	Test Method
Melt Point	145	°C	Ring & Ball, BAX-QC-100
Acid Value	296	mg KOH/g	BAX-QC-102
Viscosity (60 % in Ethanol)	1.2" (A)	seconds	Gardner-Holdt , 25°C, BAX-QC-105
Color (60 % in Ethanol)	8	-	Gardner Color, BAX-QC-103
Tg	108	°C	Glass Transition Temperature
Bio-Renewable Content, (+/-2%)	80	wt%	Theoretical value based on formulation

Updated March 4, 2025 by AH

Packaging

FILTREZ™ 591 is shipped 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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