

HYDRO-REZ™ 3886 A

HYDRO-REZ™ 3886 A is an alcohol soluble fumaric rosin ester, which has excellent solubility in alcohols and good compatibility with nitrocellulose and ethyl cellulose. **HYDRO-REZ™ 3886 A** is primarily used in flexographic inks to promote gloss, adhesion and to increase solids. This resin can also be used in SS nitrocellulose-based lacquers when the formulator wishes to use an alcohol based solvent system, i.e. lacquers intended for use on plastics such as styrene.

Application

Flexographic inks, carton inks, specialty inks, spirit varnishes, and shellac substitutes.

▲ Promotes gloss and adhesion

▲ Excellent solubility in alcohol

Typical properties

Property	Value	Unit	Test Method
Melt Point	126	°C	Ring & Ball, BAX-QC-100
Acid Value	154	mg KOH/g	BAX-QC-102
Viscosity (60 % in Ethanol)	1.5" (C)	seconds	Gardner-Holdt, 25°C, BAX-QC-107A
Color	6	-	Gardner Color, BAX-QC-103
Bio-Renewable Content, (+/-2%)	81	wt%	Theoretical value based on formulation

Updated March 6, 2025 by AH

Packaging

HYDRO-REZ™ 3886 A is shipped in 25 kg 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.

® and ™ Licensed trademarks of Lawter, Inc.

Disclaimer

The information provided herein was believed by Lawter, Inc. ("Lawter") to be accurate at the time of preparation or prepared from sources believed to be reliable, but it is the responsibility of the user to investigate and understand other pertinent sources of information, to comply with all laws and procedures applicable to the safe handling and use of the product, and to determine the suitability of the product for its intended use. All products supplied by Lawter are subject to Lawter's terms and conditions of sale.

LAWTER MAKES NO WARRANTY, EXPRESS OR IMPLIED, CONCERNING THE PRODUCT OR THE MERCHANTABILITY OR FITNESS THEREOF FOR ANY PURPOSE OR CONCERNING THE ACCURACY OF ANY INFORMATION PROVIDED BY LAWTER, except that the product shall conform to Lawter's specifications. Nothing contained herein constitutes an offer for the sale of any product.