

HYDRO-REZ[™] 5614 C

HYDRO-REZ[™] 5614 C is a fumarated rosin ester that is soluble in alcohol and can be dispersed in water using ammonia or morpholine. The high melting point promotes fast solvent release and good leveling properties and is compatible with shellac and manila copal resins.

HYDRO-REZ[™] 5614 C is recommended for use in solvent or water –based flexographic inks. This resin is also recommended for use in mineral spirit varnishes.

Application

Flexographic inks, Carton inks, Specialty inks, Mineral spirit varnishes, Shellac substitute

 **High melting point**

 **Good leveling properties**

Typical properties

Property	Value	Unit	Test Method
Acid value	185	mgKOH/g	Titration, NPQC-071
Viscosity (50% N.V. in 100% Ethanol)	21	second	25 °C, NPQC-072
Melting point	166	°C	Ring & Ball method, NPQC-074
Color	7		Gardner color, NPQC-070

Updated December 30, 2024 by JH

Packaging

Hydro-Rez[™] 5614 C is shipped in 25 kg bags.

Shelf life and storage conditions

Shelf life from date of production is typically 12 months. The resin should be stored at temperatures below 30°C. If the resin is stored wrongly or for a longer period of time, an increase in viscosity and color is possible.

® 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.