

VANCRYL® 800

Resin Solution

June 2017



INTRODUCTION

VANCRYL 800 is a styrene/acrylic copolymer used in waterborne inks and coatings for graphic arts applications.

VANCRYL 800 provides pigment wetting along with the viscosity stability needed for aqueous gravure and flexographic inks. The transfer properties and hold-out characteristics of inks prepared with VANCRYL 800 are excellent.

VANCRYL 800 is also effective as a protective colloid in the production of styrene-acrylic copolymer emulsions.

KEY PERFORMANCE PROPERTIES

- Outstanding pigment wetting
- Excellent transfer
- Good hold-out
- Low foam
- High gloss
- Compatible with most vehicles

TYPICAL PROPERTIES

VALUE

Acid number, mg KOH/g	280
Appearance	Clear light yellow liquid
Color, Gardner scale	<8
Density, lbs/gal	8.8
Flashpoint	Non-combustible
Molecular weight, M_w	35000
Non-volatile matter, %	27
pH	8.0
Tg, °C	102
Viscosity, 25°C, cP	1700
VOC, wt. %	<0.5

www.allnex.com

Disclaimer: allnex Group companies ("allnex") decline any liability with respect to the use made by anyone of the information contained herein. The information contained herein represents allnex's best knowledge thereon without constituting any express or implied guarantee or warranty of any kind (including, but not limited to, regarding the accuracy, the completeness or relevance of the data set out herein). Nothing contained herein shall be construed as conferring any license or right under any patent or other intellectual property rights of allnex or of any third party. The information relating to the products is given for information purposes only. No guarantee or warranty is provided that the product and/or information is adapted for any specific use, performance or result and that product and/or information do not infringe any allnex and/or third party intellectual property rights. The user should perform his/her own tests to determine the suitability for a particular purpose. The final choice of use of a product and/or information as well as the investigation of any possible violation of intellectual property rights of allnex and/or third parties remains the sole responsibility of the user.

Notice: Trademarks indicated with ®, ™ or * as well as the allnex name and logo are registered, unregistered or pending trademarks of Allnex IP s.à.r.l. or its directly or indirectly affiliated allnex Group companies.