



## TECHNICAL DATA SHEET

# VANCRYL® 950

## Acrylic Emulsion

### INTRODUCTION

VANCRYL 950 emulsion is a very low Tg acrylic polymer designed for film printing applications in the graphic arts industry. Inks made from this polymer exhibit excellent gloss, adhesion to polyolefins, ice water crinkle resistance, and fine printing characteristics. VANCRYL 950 also has the unusual combined properties of excellent resolubility and fast drying. These properties are needed when converting flexible packaging printing from solvent-based to water-based formulations.

VANCRYL 950 emulsion is compatible with VANCRYL 68 pigment dispersions as well as other commonly used pigment dispersions. It also exhibits excellent compatibility with additives such as surfactants, adhesion promoters, alcohols, and waxes.

This polymer can be used as the backbone of printing inks and overprint coatings where various COF or slide angle requirements are needed, from a range of 0.25 to 0.45.

### KEY PERFORMANCE PROPERTIES

- Fast drying with excellent early water resistance and resolubility
- Excellent wetting of and adhesion to polyolefin films
- Very good gloss for packaging applications
- Excellent ice water crinkle resistance
- Excellent transfer and printability

### TYPICAL PROPERTIES

	VALUES
VOC, %	<0.6
pH	8.3
Viscosity, (#4 spindle, 30 rpm), cP	3,000
Solids, %	50
Density, lbs/gal	8.6
Molecular Weight (Mn)	>200,000
Tg, °C	-50

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