

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

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