



# GRANPRIME G-630R

## Indigo Print Receptive Coating

GranPrime G-630R is an aqueous polyurethane based primer for digital inkjet printing systems. G-630R is specifically formulated to increase adhesion of Indigo type digital inks to paper substrates.

### Performance Attributes

- Clear Transparent Film
- Outstanding Printability with INDIGO Printing Inks
- Does not Block During Unwinding

#### Recommended Applications:

- ❖ HP Indigo Print Systems

#### Coating Method:

- ❖ Rotogravure
- ❖ Flexographic
- ❖ Wire Rod

#### Compatible Substrates:

- ❖ Paper
- ❖ Paperboard

### TYPICAL PROPERTIES†

<b>Appearance</b>	Light Tan Emulsion
<b>Solids, % Non-Volatile</b>	34-37
<b>pH</b>	4.0 – 6.0
<b>Density, (lbs./gal.)</b>	8.5
<b>Viscosity, s (#2 Zahn @ 72°F)</b>	25 - 35
<b>Ionic Nature</b>	Cationic
<b>VOC, % by weight</b>	3.4
<b>Shelf Life (60° – 80°F)</b>	6 – 12 months

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# Technical Guide

APPLICATION*	
<b>Coating Method</b>	Direct Gravure
<b>Curing, Web Temperature</b>	180° - 250°F
<b>Wet Film Thickness</b>	0.27 Mils
<b>Dry Coat Weight (#/3000ft<sup>2</sup>)</b>	0.8 – 1.2
<b>GSM</b>	0.70

\* Press settings must be optimized by end user. Information enclosed within is only to be consider a suggested starting point.

† Technical Specifications and physical properties are qualified using standard in-house substrates and laboratory equipment. All results must be confirmed by the end user and are not guaranteed to be repeatable.

**STORAGE & HANDLING:**

Standard Personal Protection Equipment should be used when handling this material including gloves and safety goggles. Avoid contact with skin or eyes and do not ingest. Use with adequate ventilation and avoid prolonged inhalation of the vapors. Refer to Safety Data Sheet for complete safety information. Product must be kept in a sealed container. **Always mix prior to use.**

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