



GRANPRIME G-637 RC

Indigo Print Receptive Primer

GranPrime G-637 RC is an aqueous polyurethane based primer for digital indigo printing systems. G-637 RC is specially formulated to increase adhesion of Indigo type digital inks to low energy substrates while maintaining print quality.

Performance Attributes

- Forms a Clear Transparent Film
- Excellent Abrasion and Scuff Resistance
- Outstanding Printability with INDIGO Printing Inks
- Will Not Block During Roll Up
- Holds Up Well to Wet Rub

Recommended Applications:

- ❖ Indigo Printing Systems

Coating Method:

- ❖ Rotogravure
- ❖ Flexographic
- ❖ Wire Rod

Compatible Substrates:

- ❖ PET
- ❖ Foil
- ❖ MetPoly

PHYSICAL PROPERTIES†

Appearance	Milky White Emulsion
Solids, % Non-Volatile	24 - 26
pH	4.0 - 6.0
Density (lbs./gal.)	8.60
Viscosity, s (#2 Zahn @72°F)	20 - 30
Ionic Charge	Cationic
%, VOC by weight	<3.0
Shelf Life (60° - 80°F)	6 - 12 Months

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Technical Guide

APPLICATION*	
Coating Method	Direct Gravure or Wire Rod
Curing, Web Temperature	180° - 250°F
Wet Film Thickness	0.27 Mils
Dry Coat Weight (#/3000ft²)	1.05
GSM	1.72

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

† Technical Specifications are qualified using standard in-house substrates and laboratory equipment. All results should 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 agitate prior to use.**

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