



GRANPRIME G-365 FDA

Print Receptive Primer

GranPrime G-365 FDA is a water-based acrylic polymer for packaging and film applications. G-365 FDA may be used with conventional gravure or flexographic overprinting methods as well as UV Digital Inkjet printing. G-365 FDA is compliant with the following:

21 CFR 175.300 | 21 CFR 176.170 | CFR 176.180

Performance Attributes

- Outstanding Printability with Various Types of Inks
- Water, Grease and Oil Repellent
- Clear Transparent Film
- Can Be Pigmented
- High Gloss

Recommended Applications:

- ❖ Packaging & Film
- ❖ Food Packaging

Coating Method:

- ❖ Rotogravure
- ❖ Flexographic
- ❖ Wire Rod

Compatible Substrates:

- ❖ PET
- ❖ Foil
- ❖ Metallized Film & Paper

PHYSICAL PROPERTIES⁺

Appearance	Off White Liquid
Solids, % Non-Volatile	38 - 42
pH	8.5 - 9.0
Density (lbs./gal.)	8.70
Viscosity, s (#2 Zahn @ 72°F)	22 - 27
Ionic Nature	Anionic
%, VOC by weight	<3.0
Shelf Life (60° - 80°F)	6 - 12 Months

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Technical Guide

APPLICATION*	
Coating Method	Direct Gravure
Curing, Web Temperature	180° - 250°F
Wet Film Thickness	0.27 Mils
Dry Coat Weight (#/3000ft²)	1.684
GSM	2.744

* 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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