

# Lubrizol<sup>®</sup> C179N

Aqueous Primer Coating

PERFORMANCE COATINGS

## PRODUCT DESCRIPTION

**Lubrizol Primer Coating C179N** (Acrylic Based Aqueous Dispersion) is formulated for application on foils, metallized paper and select non-porous substrates with in-line coater/dampeners and blanket coaters. It is selected for its combined features of good gloss, adhesion and heat resistance.\*

## FEATURES/BENEFITS

- Good Gloss
- Reduces / Eliminates offset spray powder
- Excellent primer for inks, water-based and U.V. top coatings and laminates\*
- Good adhesion to metal surfaces \*
- Heat resistance to 250°F or better \*

## PHYSICAL CHARACTERISTICS\*

<b>Viscosity:</b>	20-25 seconds, #3 EZ cup @ 70°F
<b>pH:</b>	8.5-9.5
<b>Non-Volatiles:</b>	38-40%
<b>VOC:</b>	0.01-0.13 lb. /gallon
<b>Weight/gallon:</b>	8.6-8.8 lbs.
<b>Freeze/Thaw Stability:</b>	Keep from freezing

\* Preliminary testing must be conducted to establish that each specific application may be accomplished acceptably.

Refer to Material Safety Data Sheet. All statements therein apply until the product is completely dry throughout the film. 2/09

## TYPICAL APPLICATIONS

- Commercial Sheetfed
- Folding Cartons

## PROCESSING INFORMATION

**Application Viscosity:** Use as received and stir. Recommended application temperature 65°F-75°F.

**Reduction:** Only with Lubrizol technical advice. Reduction may be required for certain equipment in order to achieve optimum results.

**Equipment:** Coater/dampeners, blanket coaters, flexo/gravure

**Drying:** Sufficient volumes of warm air, and medium or short wave I.R. Load temperatures should range between 95°F and 105°F.

**Wet Film Weight:** Recommend 0.8-1.2 lbs. wet weight/MSF to optimize performance.

**Inks:** High solids inks with wax content limited to polyethylene should be used.\*

**Clean up:** Cleaning is best accomplished before coating dries. Use warm water and liquid detergent

## SHELF LIFE/STORAGE

### Shelf Life:

Lubrizol recommends retesting the quality 1 year after the date of manufacture. Store unopened containers indoors at temperatures between 45° and 95° F.

## REGULATORY STATUS

Please see the product's current safety data sheet, SDS, for regulatory information. You can request an SDS at [www.lubrizolcoatings.com](http://www.lubrizolcoatings.com)

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The Lubrizol logo consists of the word "Lubrizol" in a bold, sans-serif font, with a blue swoosh underline that starts under the 'L' and ends under the 'l'.

[www.lubrizolcoatings.com](http://www.lubrizolcoatings.com)