

PRC-319

Description:

PRC-319 is a waterborne, print-receptive finish designed to impart print receptivity to vinyl coated fabrics, vinyl laminates and textile substrates.

Characteristics:

- High print resolution
- Effective for solvent ink-jet printing
- May also be effective for other types of ink-jet printing
- Crosslinkable with aziridines or carbodiimides

Application and Usage:

Mix thoroughly before using as solids may have settled. This coating can be applied via gravure, wire-wound rod or spray. Target dry film thickness: 0.2 to 0.5 mils.

Curing:

Recommended cure conditions are 250-300F for 1-3 minutes.

Crosslinking (Optional):

Crosslinking (optional) may affect the performance of PRC-319 by affecting the degree of dot gain on the printed surface. PRC-319 is crosslinkable with commercially available aziridine or carbodiimide crosslinkers. Experiment with rates from 0.5 to 3% depending on the crosslinker. Please note: crosslinking may compromise heat weldability and dot gain.

Typical Physical Properties:

Solids	30.0%
Viscosity	<=200 cps
pH	7.5 to 9.5
Gloss (60 degree)	Approx 5
Density	8.6 lbs / gal

Storage and Shelf Life:

Store at or near room temperature in a sealed container. When stored properly shelf life should be 6 months to 1 year.