



Technical Data Sheet

ECO-SET 4801 A Phenol Formaldehyde-Free Sheetfed Gel Vehicle

IMPORTANT CHARACTERISTICS:

ECO-SET™ 4801 A is an eco friendly, hard drying 100% nonvolatile gel vehicle composed of ECO-REZ™ resin technology. The phenol formaldehyde-free and higher renewable content supports the increasing demand for cleaner and greener chemistry.

In addition to a more sustainable chemistry, ECO-SET vehicles can provide significantly improved performance properties. Ink water balance, sharper print at lower tacks, and reduced tendency to mist make **ECO-SET 4801 A** an outstanding choice for sheetfed folding carton and commercial ink product lines.

APPLICATIONS:

- Commercial sheetfed inks
- Letterpress inks
- Packaging sheetfed inks
- Laser forms ink

BENEFITS:

- Phenol formaldehyde-free
- High renewable content
- 100% nonvolatile
- Print sharpness
- Enhanced ink film hardness

Typical Properties

Properties	Value	Test Method / Standard
Viscosity:	800	Rotational Rheometer (Pa.s) BAX-QC-132
G':	1400	Oscillatory Rheometer (Pa) BAX-QC-132
Tan Delta:	2	Oscillatory Rheometer BAX-QC-132
Inkometer Tack:	10	400 rpm, 1 min. @ 90°F Method PP-QC-101
% Nonvolatile:	100	Method PP-QC-105
% Renewable Content:	90 – 93	

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