



Technical Data Sheet

## ECO-SET 4600 A Phenol Formaldehyde-Free Sheetfed Free Flow Vehicle

### IMPORTANT CHARACTERISTICS:

**ECO-SET™ 4600 A** is an eco friendly, fast setting 100% nonvolatile free flowing vehicle composed of ECO-REZ™ resin technology. The phenol formaldehyde-free and higher renewable content supports the increasing demand for cleaner and greener ink chemistry. **ECO-SET 4600 A** will provide flow properties and is an excellent companion to **ECO-SET 4800 A** and **ECO-SET 4801 A** gel vehicles.

In addition to a more sustainable chemistry, the 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 a good choice for commercial sheetfed 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:	45	Rotational Rheometer (Pa.s) Method PP-QC-150
G':	80	Oscillatory Rheometer Method PP-QC-150
Inkometer Tack:	9.5	400 rpm, 1 min. @ 90°F Method PP-QC-101
% Nonvolatile:	100	Method PP-QC-105
% Renewable Content:	88 - 91	

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For more information, please contact your sales or technical representative.

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