



Technical Data Sheet

Eco-Rez™ 9760 A Phenol Formaldehyde-Free Resin

IMPORTANT CHARACTERISTICS:

ECO-REZ™ 9760 A is a highly structured rosin resin suitable for all offset inks, including heatset, sheetfed and coldset applications. Unlike older generations of phenol free resins, **ECO-REZ 9760 A** provides a new level of performance enabling offset inks to be completely formulated with greener and more sustainable chemistry.

The technical benefits equal the environmental enhancements. This new family of **ECO-REZ** products provides outstanding rheological stability, water balance stability, and sharp print image during high speed and long press runs. This family of resin contains > 78% renewable content.

APPLICATIONS:

- Web Offset
- Sheetfed
- Coldset

BENEFITS:

- Phenol formaldehyde free
- Increased level of renewable content
- High speed transfer
- Improved gloss
- More rheologically stable

Typical Properties

| Property | Value | Test Method / Standard |
|-----------------------------------|----------|--|
| Melt Point: | 155°C | Ring & Ball, degC BAX-QC-100 |
| Acid Value: | 21 | BAX-QC-102 |
| Viscosity at 2.5s ⁻¹ : | 400 Pa-s | 50:25:25 Resin:M-47:TXIB, Pa-s Rotational Rheometer, BAX-QC-132 |
| Tan Delta: | 2.30 | 50:25:25 Resin:M-47:TXIB, Rotational Rheometer, BAX-QC-132 |
| Cloud Point: | 125°C | 10% PKWF™ 6/9 Test Oil**, degC BAX-QC-196 |
| Renewable Content: | 78-81% | Calculated |

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