



Technical Data Sheet

ECO-REZ 9730 A Phenol Formaldehyde-Free Resin

IMPORTANT CHARACTERISTICS:

ECO-REZ™ 9730 A is a structured rosin resin suitable for all offset inks, including heatset, sheetfed and coldset applications. Unlike older generations of phenol free resins, the **ECO-REZ 9730 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:	150°C	Ring & Ball, degC BAX-QC-100
Acid Value:	22	BAX-QC-102
Viscosity at 2.5s ⁻¹ :	165 Pa-s	50:25:25 Resin:Magiesol47*:TXIB, Pa-s Rotational Rheometer, BAX-QC-132
Tan Delta:	2.60	50:25:25 Resin:Magiesol47*:TXIB Rotational Rheometer, BAX-QC-132
Viscosity:	790 sec.	1:2 ARLO, L:L, 25°C, sec. BAX-QC-107A
Cloud Point:	113°C	10% PKWF™ 6/9 Test Oil**, degC Method BAX-QC-19610
Renewable Content	78-81%	Calculated

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