



Technical Data Sheet

Eco-Rez™ 9740 A Phenol Formaldehyde-Free Resin

IMPORTANT CHARACTERISTICS:

ECO-REZ™ 9740 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 9740 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 > 77% 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:	160°C	Ring & Ball, degC BAX-QC-100
Acid Value:	20	BAX-QC-102
Viscosity at 2.5s ⁻¹ :	210 Pa-s	48% in TXIB, Pa-s at 30C Rotational Rheometer, BAX-QC-132
Tan Delta:	3.60	48% in TXIB, Pa-s at 30C Rotational Rheometer, BAX-QC-132
Cloud Point:	75°C	10% PKWF™ 6/9 Test Oil**, degC BAX-QC-196
Renewable Content:	77-80%	Calculated

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