



Technical Data Sheet

Eco-Rez™ 9711 A Phenol Formaldehyde-Free Resin

IMPORTANT CHARACTERISTICS:

ECO-REZ™ 9711 A is a low structured rosin resin suitable for all offset inks, including heatset, sheetfed and coldset applications. Unlike older generations of phenol free resins, **ECO-REZ 9711** 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:

- Offset inks
- Coatings

BENEFITS:

- High-speed transfer
- Higher renewable content
- Exhibits high gloss

Typical Properties

Property	Value	Test Method / Standard
Melt Point:	130°C	Ring & Ball, degC BAX-QC-100
Acid Value:	21	BAX-QC-102
Viscosity:	42 Pa-s	40% ARLO, Rotational Rheometer, 100 1/s, Pa-s BAX-QC-132
Viscosity:	150 sec.	50% in Magiesol™ 47*, L:L, 25°C, sec. BAX-QC-107A
Dilution:	260%	50% solution with Magiesol™ 47*, percent BAX-QC-110
Cloud Point:	130°C	10% PKWF™ 6/9AFN Test Oil**, degC BAX-QC-196
Renewable Content	80-83%	Calculated

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