

ECO-REZ™ 9760 A

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.

Application

Web offset, sheetfed, and coldset.

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

Typical properties

Property	Value	Unit	Test Method
Melt Point	158	°C	Ring & Ball, BAX-QC-100
Acid Value	21	mg KOH/g	BAX-QC-102
Viscosity (50:25:25 Resin:Magiesol47*:TXIB)	393	Pa.s	TA Rheometer, BAX-QC-132
Tan Delta (50:25:25 Resin:Magiesol47*:TXIB)	2.3	-	TA Rheometer, BAX-QC-132
Cloud Point (10 % in PKWF™ 6/9 Test Oil**)	124	°C	BAX-QC-196
Bio-Renewable Content, (+/-2%)	80	wt%	Theoretical value based on formulation

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Packaging

ECO-REZ™ 9760 A is shipped in 1000 lb FIBC's type D, or in 50 lb paper bags.

Shelf life and storage conditions

When stored properly, shelf life from date of production is approximately 3 months. The resin should be stored at temperatures under 30°C (86°F). If the resin is stored improperly or for a longer period of time, an increase in viscosity and cloud point is possible.

Product carbon footprint calculated in line with ISO14040 standard is available upon request.

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