

ECO-REZ™ 9740 A

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.

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	171	°C	Ring & Ball, BAX-QC-100
Acid Value	20	mg KOH/g	BAX-QC-102
Viscosity (48 % in TXIB)	237	Pa.s	TA Rheometer, BAX-QC-132
Tan Delta (48 % in TXIB)	3.1	-	TA Rheometer, BAX-QC-132
Cloud Point (10 % in PKWF™ 6/9 Test Oil**)	72	°C	BAX-QC-196
Bio-Renewable Content, (+/-2%)	79	wt%	Theoretical value based on formulation

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Packaging

ECO-REZ™ 9740 A is shipped in 1000 or 2000 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 6 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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