

## REACTOL™ UV5300 A

REACTOL™ UV5300 A is a specially modified rosin ester that is soluble in acrylate monomers. REACTOL™ UV5300 A can be incorporated into acrylate based UV formulations.

### Applications

UV cured inks and coatings.

▲ Improves press stability

▲ Improves water balance

▲ Increases biorenewable content

▲ Reduces misting

### Typical properties

Property	Value	Unit	Test Method
Melt Point	88	°C	Ring & Ball, BAX-QC-100
Acid Value	115	mg KOH/g	BAX-QC-102
Viscosity (60 % in TXIB)	45	Pa.s	TA Rheometer, BAX-QC-132
Bio-Renewable Content, (+/-2%)	47	wt%	Theoretical value based on formulation

Updated March 7, 2025 by AH

### Packaging

REACTOL™ UV5300 A is shipped in 50 lb paper bags.

### Shelf life and storage conditions

When stored properly, shelf life from date of production is approximately 12 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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