

## REACTOL™ 5145 A

**REACTOL™ 5145 A** is a highly structured, flexible polyester resin. It exhibits excellent solvent release, high gloss, and low viscosity. Due to its outstanding nitrocellulose compatibility, **REACTOL™ 5145 A** can be used with nitrocellulose in place of or as a partial replacement for the **Flex-Rez™** resins. **REACTOL™ 5145 A** is an adhesion promoter in hard resin systems. In addition, **REACTOL™ 5145 A** has high solubility in alcohols and is insoluble in drying oils and low Kb hydrocarbon solvents.

### Applications

Film-former for liquid systems, hard resin systems, nitrocellulose coatings and sealers, and flexo ink systems.

▲ Excellent solvent release

▲ High gloss

▲ Low viscosity

### Typical properties

Property	Value	Unit	Test Method
Melt Point	126	°C	Ring & Ball, BAX-QC-100
Acid Value	127	mg KOH/g	BAX-QC-102
Viscosity (50 % in Ethanol)	24	Seconds	Ford Cup, 25°C, BAX-QC-105
Dilution	112	mL	Ethanol dilution of ethanol cut, BAX-QC-110
Color (50 % in Ethanol)	7	-	Gardner Color, BAX-QC-103
OH Value	130	mg KOH/g	Value based on solid resin, ASTM D4274
Bio-Renewable Content, (+/-2%)	65	wt%	Theoretical value based on formulation

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### Packaging

REACTOL™ 5145 A is shipped 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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