

REACTOL™ 1970 A

REACTOL™ 1970 A is a **Lawter™** polyester resin solution of **REACTOL™ 1979 A** in ethyl acetate. The resin in **REACTOL™ 1970 A**, is a low molecular weight hydroxyl functional polyester. **REACTOL™ 1970 A** exhibits exceptional gloss in overprints and pigmented inks. It offers good adhesion and flexibility, and low viscosity and good pigment wetting characteristics. **REACTOL™ 1970 A** is compatible with nitrocellulose and cellulose esters. It can be cross-linked with melamine to form a glossy, thermoset coating with outstanding color retention.

Applications

Flexographic inks, gravure inks, and paper and wood coatings.

▲ High gloss, good adhesion

▲ Low viscosity

▲ Good color retention

Typical properties

Property	Value	Unit	Test Method
Melt Point	85	°C	Ring & Ball, BAX-QC-100
Acid Value	5	mg KOH/g	BAX-QC-102
Viscosity	35	Seconds	E:E, 25°C, BAX-QC-106
Color	2	-	Gardner Color, BAX-QC-103
OH Value	330	mg KOH/g	Value based on solid resin, ASTM D4274
Percent Non-Volatile	71	%	BAX-QC-195

Updated March 7, 2025 by AH

Packaging

REACTOL™ 1970 A is shipped in 400 lb drums.

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.

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