

TERLON™ 803 A

TERLON™ 803 A is a **Lawter™** soybean alkyd. The **TERLON™ 800** linear polyester series is based on specially processed soybean oil. As a result, the **TERLON™ 800** series alkyds dry faster and form tough, color stable films. **TERLON™ 803 A** can carry and print a larger load of pigment than bodied oils and conventional alkyds. **TERLON™ 803 A** shows equivalent color development to other drying oil modified linear polyesters and is recommended for use in heat drying applications. **TERLON™ 803 A** dries by oxidation and forms a flexible film. While drying times are slower than pure linseed oil based alkyds, initial odor and odor development during oxidation are markedly reduced. **TERLON™ 803 A** offers a very effective price/quality ratio.

Applications

Coldset systems, metal decorating inks, web heatset, and varnish.

- ▲ Promotes tough flexible ink film
- ▲ Improves water pickup
- ▲ Improves tack stability and transfer
- ▲ Good pigment wetting
- ▲ Improves adhesion
- ▲ Excellent non-yellowing

Typical properties

Property	Value	Unit	Test Method
Acid Value	9	mg KOH/g	BAX-QC-102
Viscosity	70	seconds	E:E, 25°C, BAX-QC-106
Color	3	-	Gardner Color, BAX-QC-103
Percent Non-Volatile	100	%	BAX-QC-195
Bio-Renewable Content, (+/-2%)	75	wt%	Theoretical value based on formulation

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Packaging

TERLON™ 803 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 product should be stored at temperatures between 10 and 30°C (50-86°F). The packaging should be kept tightly closed and stored in dry conditions.

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