

Orco Synthrowite C-ALKS™

Orco Synthrowite C-ALKS™ is a medium / low affinity, cellulosic optical brightener for use in all continuous applications. Especially useful in highly alkaline conditions such as pad bath and bleach operations.

Physical Properties

Chemical Type	Stilbene
Appearance	Yellow/ Amber liquid
Solubility	All proportions in cold water
Ionic Charge	Anionic
Stability	Good in highly alkaline bleach baths

Advantages

- Stable in highly alkaline systems (~5%+ Sodium Hydroxide)
- Excellent levelness with little or no “tailing” in pad operations
- Compatible with most finishing auxiliaries provided the pH is above 3.0

Procedures

Exhaust

Orco Synthrowite C-ALKS™ is applied on either pre-bleached goods or in conjunction with hydrogen peroxide bleach systems. Typical bleach procedures incorporates 0.25- 1.0% **Orco Synthrowite C-ALKS™** on weight of goods(owg) @175-195°F(80-91°C) and run for 45 minutes. Goods should then be rinsed well and scoured with acetic acid.

Pad-Batch

Orco Synthrowite C-ALKS™ can be used with or without bleaching auxiliaries. Use 0.5-1.0 g/L of **Orco Synthrowite C-ALKS™** in a pad-bath, pad at room temperature, and batch-cover for 8 hours. Wash a minimum of 4 ends hot on jig and scour off with Acetic acid.

Pad-Steam

Pad 0.5-1.0 g/L of **Orco Synthrowite C-ALKS™** at 105-115°F(41-46°C) and steam at 220°F(104°C) for 3-4 minutes. Bleach auxiliaries such as Hydrogen Peroxide may be included in bath.