

## Orco Synthrowite C-52™

**Orco Synthrowite C-52™** is a high-substantivity optical brightener for cotton for use in continuous-pad, pad-bleach and hydrogen peroxide bleaching baths at high temperatures of 200 - 212°F(93-100°C).

**Orco Synthrowite C-52-T™** is a tinted version offering a blue-violet cast.

### Physical Properties

<b>Chemical Type</b>	Stilbene
<b>Shade of C-52</b>	Neutral to slightly green cast
<b>Shade of C-52-T</b>	Blue/violet cast
<b>Appearance</b>	Amber pourable fluid; C-52-T has violet cast
<b>Ionic Charge</b>	Anionic
<b>Stability</b>	Stable to strong alkali and hydrogen peroxide; unstable to acids
<b>pH</b>	8.5 - 9.0
<b>Lightfastness</b>	Good
<b>Washfastness</b>	Very good

### Procedures

#### *Exhaust*

- 0.25 to 0.5% owg **Orco Synthrowite C-52™**

#### *Continuous Pad*

- 0.25 to 0.50% owb **Orco Synthrowite C-52™**
- 0.10 to 0.25% owb **Orconol CHSA Conc™**

Pad at 100-120°F(38-49°C).

Dry and develop at 300-325° F(150-162°C) for 90 seconds.