

Orco Synthrowite AMA 100™

Orco Synthrowite AMA 100™ is an optical brightener for acrylic and modacrylic fibers offering excellent stability to light and chlorite bleach.

Physical Properties

Shade	Neutral blue shade
Appearance	Cream colored dispersion
Ionic Charge	Nonionic
Solubility	Cold water dispersability
Lightfastness	Very good
Washfastness	Very good

Procedures

Chlorite Bleach

1. Set bath at 104°F(40°C) with:

0.25 - 2.0%	Orco Synthrowite AMA 100™ on weight of fabric(owf)
0.2 g/ L	Orcoterge 35-C™
2.0 g/ L	Sodium Chlorite 80%
2 - 4 g/ L	Sodium Nitrate
2.0 g/ L	Oxalic, Formic, Acetic Acid to pH of 3-4.

2. Enter goods and raise temperature to the boil over 30 minutes.
3. Run for 20 minutes.
4. Adjust pH to 2 with 0.3 - 1.0 cc/liter of dilute sulfuric acid and boil an additional 10 minutes.

Pad-Continuous Application

2.0 - 20.0 g/L	Orco Synthrowite AMA 100™
1.0 cc/L	Formic Acid 85%

Other procedures

- *Pad-roll / batch*
- *Steaming*
- *Acid shock bath*
 - 1-1.5 minutes with 3.0 to 5.0 cc/L of 85% formic acid.