



# ORGANIC DYESTUFFS CORPORATION

## CORPORATE OFFICE

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## TECHNICAL BULLETIN

### ORCO DYE CARRIER LLR-S®

**Description:** Low odor dye carrier for atmospheric dyeing and high temperature leveling of polyester.

**Properties:**

<i>Appearance -</i>	Slightly yellow liquid.
<i>Ionic charge -</i>	nonionic/anionic.
<i>Chemical type -</i>	alkyd amide blend.
<i>Stability -</i>	protect from excessive heat and cold.

**Advantages:** Excellent yield  
Good leveling properties  
Ease of use  
Very low odor

**Procedures:** *Atmospheric:* Prepare bath with the following and circulate at 100-110°F(38-43°C) for 10 minutes prior to adding dyestuffs:  
6.0 - 9.0% owg **Orco Dye Carrier LLR-S** \*  
X% owg Glacial Acetic Acid 50% to pH of 4.5 - 5.0

After circulating and adding **Orcocilacron** Disperse dyestuff, bring temperature to 208°F(98°C) and run for 60 minutes. Drop, rinse well and dry.

\*Dependent on depth of shade.

*High Temperature:* Same procedure as listed above with the following changes:

2.0% - 4.0% owg **Orco Dye Carrier LLR-S**  
X% owg Glacial Acetic Acid 56% to pH of 2.5 - 5.0  
Run at 265°F(130°C) for 45 minutes.

**Notes:** On especially heavy shades, the use of **Orco Synclear PD** will help remove any loose dyestuff and improve crocking. Protect from excessive heat and cold.

C O L O R A N T S F O R A L L I N D U S T R I E S

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