

## PeractoPad™

A unique approach to continuous dyeing



Cyan CI# Pigment Blue 15:3



Magenta CI# Pigment Red 122



Red CI# Pigment Red 254



Yellow CI# Pigment Yellow 74



Black CI# Pigment Black 7

**High-performance product line for continuous dyeing of fabrics.**

**Water-based Nano Pigment Dispersions.**

**Typical pre and post treatments may be reduced or eliminated.**

### PeractoPad™ Technology:

PeractoPad™ dispersions contain nano-sized pigment particles, which easily color textile substrates.

When heating the textile to 285 – 300°F (140-150°C), PeractoPad™ dispersions form a long chain molecule that attaches to these nano pigments and binds them to the textile substrate.

Once fixation is complete, the pigments are attached to the textile substrate.

One single PeractoPad™ dispersion can be used for polyamide, polyester and cotton fabrics.

### Advantages of PeractoPad™ dispersions:

- Low temperature fixation.
- Short fixation time.
- One dispersion system for all textile fibers.
- Eliminates traditional pre-treatment.
- Reduced water consumption (except for machine cleaning).
- No steam needed.

### Disclaimer

Information contained in this technical data sheet is up-to-date and correct to the best of Organic Dyes & Pigments' knowledge at the date of issue and are subject to change. As Organic Dyes & Pigments LLC cannot control or anticipate the conditions under which this product may be used, each user should review the information in specific context of the planned use. Organic Dyes & Pigments will not be responsible for damages of any nature resulting from the use or reliance upon the information contained in this data sheet. No express or implied warranties are given.

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## PeractoPad™

### Application Information – PeractoPad™ Dispersions

PeractoPad™ Nano Pigment Dispersions are mixed with Peracto™ A binder and clean water according to the desired color strength.

#### Make your own formulation

0-5%	PeractoPad™ pigment dispersion
0-40%	Peracto™ A binder
0-X%	Water to 100%

#### Preparation of the pad bath

1. Add the water in to the mixer
2. Add the PeractoPad™ dispersion color
3. Add the PeractoPad™ A binder
4. Stir for 5 minutes. Ready to use

#### Dyeing by using a pad application

1. Dip and nip with squeeze rollers. Squeeze with minimum 3 bar pressure for 30% to 40% wet pickup.
2. InfraRed(IR) pre-drying at low temperature.  
Avoid any fixation at the IR pre-dryer!
3. Fixation at 285°F (140° C) for 3 minutes.
4. By-pass the sections which are not needed for the PeractoPad™ process.

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