

## Technical Information

### DecoTechs 5101

#### Description

**DecoTechs 5101** is a high performance formulated acrylic copolymer emulsion designed for pigment printing and pigment pad dyeing applications. The product is formulated to lend a soft hand, excellent color fastness and high color value.

**DecoTechs 5101** is highly recommended for the printing of home furnishings and apparel fabrics where soft hand is important.

#### Benefits

**DecoTechs 5101** has the following beneficial characteristics.

- High Performance
- Soft Hand
- Low Electrolyte Content
- Low Grit Content
- Durable to Laundering & Dry Cleaning
- Excellent Shear Stability
- Runs Very Clean
- Compatible with Most Chemicals

#### Typical Properties

Color	White
Texture	Liquid
Ionic Nature	Nonionic
Tg	-12
Solids Content	42 – 44%
PH of Solution	4.5 – 5.5
Viscosity	150 CPS Maximum
Specific Gravity	1.03

#### Preparation

**DecoTechs 5101** should be added to the bath after the starting water.

#### Application

**DecoTechs 5101** may be applied by rotary screen or flat bed printing machines. The product may also be applied by pad mangle for pigment dyeing.

#### Dosage

For printing applications the product is typically dosed at 2 times the quantity of pigment.

#### Recipe

Water	X %
Thickener	01.50 – 01.80%
<b>DecoTechs 5101</b>	03.00 – 10.00%
Pigment	01.00 – 03.00%

**Note:** Binder dosage rate varies according to pigment and depth of shade. Thickener dosage rate varies according to desired paste viscosity.

#### Handling

Please refer to the Material Safety Data Sheet for details.

#### Storage

**DecoTechs 5101** should be stored cool and dry. Do not freeze.

#### Packaging

**DecoTechs 5101** is available in bulk, totes and drums.

Date Established: 05/19/2009

Date Revised: 12/07/2011