

## TECHNICAL INFORMATION

### Segacar D

#### Carrier

Diffusion acceleration leveling and dispersing agent for PES and PES/Blends in dyeing and printings.

- It is an excellent product which allows dyeing of PES and PES/blends materials (98 – 130°C)
- It provides uniform dyeing by increasing migration of dye.
- It provides dye leveling in pressurized dyeing machines.
- It provides dye leveling for incorrect dyed material and dye stained material.
- It increases the color yield when entering the polyester printing dye recipe. Colors appear vivid and bright.
- It reduces the front back difference in print patterns due to penetration property.
- It is ecological.

## PROPERTIES

<b>Chemical Structure</b>	Combination of aromatic asters, dispersing and stabilizing chemicals
<b>Appearance</b>	Yellow liquid
<b>Ionic Character</b>	Nonionic
<b>pH</b>	5.5–9.5
<b>Density</b>	1.00 +/-0.05 g/cm <sup>3</sup>

## APPLICATION

### Amount of usage

According to dyeing temperature and deepness of color.

- Disperse dyeing bath; 0.5–2.5 g/L
- Disperse painting repair bath; 1.5–5.0 g/L

### Usage in printing

#### Recipe

Dispers Thickener	X g/kg
Segacar D	10 g/kg
Dispers Dye	Y g/kg
<u>Water</u>	<u>Z g/kg</u>
	1000 g/kg

### Precautions

**Storage:** The storage life in original package at 0–40 °C is 12 months.

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