



## PROGAL DFT

**PROGAL DFT** is a high concentration product developed to obtain a level surface specially for disperse dyed fabrics, especially for natural shades like 'Stone' and 'Khaki' etc. shades.

Due to extreme good leveling properties **PROGAL DFT** can be also used in low concentrations and pale shades without any concern. **PROGAL DFT** can be diluted as 1:2-1:2,5 by water.

### CHARACTERISTICS

- Composition : Synergic combination of selected long chain co-polymers.  
Appearance : Brown, viscose liquid  
Ionic Char. : Nonionic & anionic combination  
Solubility : It can be diluted even with cold water in any ratio

### USING CONDITIONS and APPLICATIONS:

**PROGAL DFT** enables level dyeing especially with PES fibers and their composite blends for all shades. It can be utilized from pale to dark shades, from easy colors to difficult natural colors such as 'Stone' and 'Khaki'. One of the compromising advantages of **PROGAL DFT** is the fact it significantly enhances the brilliancy of the fabric. **PROGAL DFT** improves the thermo migration fastnesses since the percentage of the unfixed dyestuff is being reduced significantly.

### Recommended Dilution Process

Dilution Ratio: 1(**PROGAL DFT**):2(water) – 1(**PROGAL DFT**):2,5(water)

1. Charge the water to mixing tank
2. Start the mixer
3. Add the **PROGAL DFT** at 10 minutes
4. Proceed the mixing plus 10 minutes
5. Stop the mixer
6. Final product is ready to use

Recommended usage from diluted form may differ according to requested shade, construction of the fabric, but usually the concentrations given below will be sufficient to reach requested result.

	Dyeing	Levelling & egalizing
Usage:	0,30 – 1,00	1,50 – 3,00 gr / lt
pH:	4,30 ± 0,30	4,30 ± 0,30
Temperature	120-130 °C	120-130 °C

### STORAGE CONDITIONS:

Keep out of direct sunlight or freezing. It is stable for at least 6 months if stored in original packing and recommended storage conditions.

The information given herein and otherwise supplied to users is based on our general experience. However, we can not accept liability for any injury, loss or damage resulting from reliance upon the information due to possible factors beyond our knowledge and control.