

WEAVELON



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WEAVELON DYES	% on weight of Weavelon solution	D-SERIES	Rubbing Fastness		Washing Fastness		Perspiration Fastness		Light Fastness
			Dry	Wet	Color change	Staining	Fading	Staining	
D-Yellow	13%		3-4	2-3	2-3	4	4	4	5-6
	20%		3-4	2-3	2-3	4	4	4	5-6
D-Red	13%		3-4	2-3	2-3	4	4	4	5-6
	20%		3-4	2-3	2-3	4	4	4	5-6
D-Violet	13%		3-4	2-3	2-3	4	4	4	5-6
	20%		3-4	2-3	2-3	4	4	4	5-6
D-Blue	13%		3-4	2-3	2-3	4	4	4	5-6
	20%		3-4	2-3	2-3	4	4	4	5-6
D-Green	13%		3-4	2-3	2-3	4	4	4	5-6
	20%		3-4	2-3	2-3	4	4	4	5-6
D-Black	13%		3-4	2-3	2-3	4	4	4	5-6
	20%		3-4	2-3	2-3	4	4	4	5-6

WEAVELON DYES	% on weight of Weavelon solution	D-SERIES	Rubbing Fastness		Washing Fastness		Perspiration Fastness		Light Fastness
			Dry	Wet	Color change	Staining	Fading	Staining	
M-Yellow	6%		3-4	2-3	2-3	4	4	4	5-6
	12%		3-4	2-3	2-3	4	4	4	5-6
M-Red	6%		3-4	2-3	2-3	4	4	4	5-6
	12%		3-4	2-3	2-3	4	4	4	5-6
M-Violet	6%		3-4	2-3	2-3	4	4	4	5-6
	12%		3-4	2-3	2-3	4	4	4	5-6
M-Blue	6%		3-4	2-3	2-3	4	4	4	5-6
	12%		3-4	2-3	2-3	4	4	4	5-6
M-Green	6%		3-4	2-3	2-3	4	4	4	5-6
	12%		3-4	2-3	2-3	4	4	4	5-6
M-Black	6%		3-4	2-3	2-3	4	4	4	5-6
	12%		3-4	2-3	2-3	4	4	4	5-6

WEAVELON DYES	% on weight of Weavelon solution	P-SERIES	Rubbing Fastness		Washing Fastness		Perspiration Fastness		Light Fastness
			Dry	Wet	Color change	Staining	Fading	Staining	
P-Yellow	1%		3-4	2-3	2-3	4	4	4	5-6
	5%		3-4	2-3	2-3	4	4	4	5-6
P-Red	1%		3-4	2-3	2-3	4	4	4	5-6
	5%		3-4	2-3	2-3	4	4	4	5-6
P-Violet	1%		3-4	2-3	2-3	4	4	4	5-6
	5%		3-4	2-3	2-3	4	4	4	5-6
P-Blue	1%		3-4	2-3	2-3	4	4	4	5-6
	5%		3-4	2-3	2-3	4	4	4	5-6
P-Green	1%		3-4	2-3	2-3	4	4	4	5-6
	5%		3-4	2-3	2-3	4	4	4	5-6
P-Black	1%		3-4	2-3	2-3	4	4	4	5-6
	5%		3-4	2-3	2-3	4	4	4	5-6

WEAVELON - REVOLUTION DYEING & SIZING PROCESS

The unconventional method of making fashion woven fabric for conventional weaving factories in the most sustainable way ever

WEAVELON is a new system created for making woven fabrics with combination of dyeing, sizing and fixing into one single process without discharging any water.

WEAVELON consists of range of Weavelon Dyes and Weavelon PWS which are ready to use in common warp yarn sizing machines.

WEAVELON DYES are combination of special Dyes which can be selected to match most of desired shades and strengths.

WEAVELON PWS are combination of natural and synthetics chemicals, designed to be used with WEAVELON DYES in sizing machines, which gives multi-functions such as sizing, penetrating, diffusing, stabilizing of the Weavelon system.

The selection of WEAVELON DYE Series is as below instruction:

Weavelon P Serie: For Pale shade with below 5% on weight of final Weavelon solution

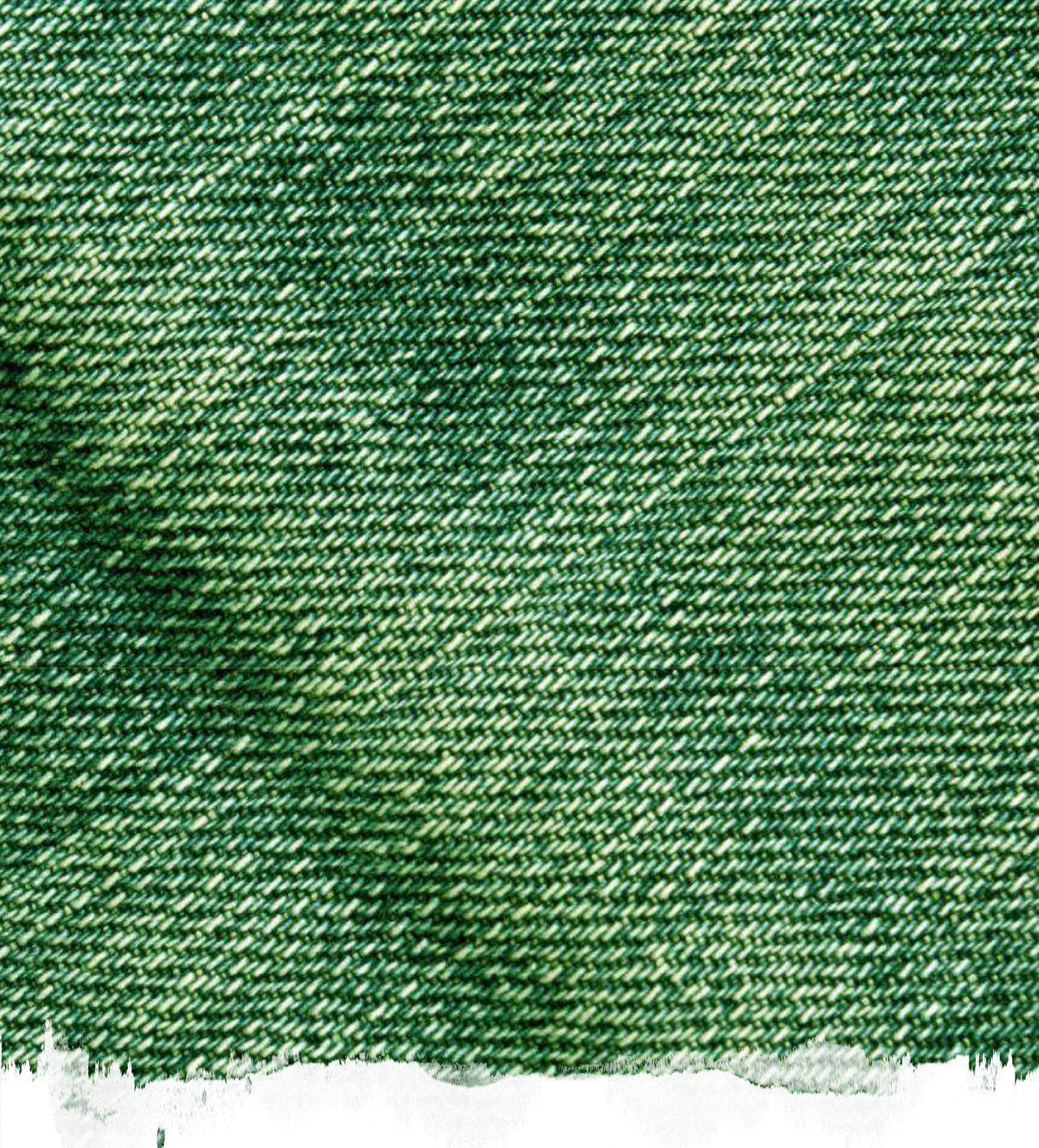
Weavelon M Serie: For medium shade with 6%-12% on weight of final Weavelon solution

Weavelon D Serie: For dark shade with 13% to 20% on weight of final Weavelon solution

WEAVELON DYEING SOLUTION PREPARATION

- ✔ Cooking recipes will be determined by yarn types, yarn counts, total ends, fabric density and weaving speed
- ✔ Before cooking, make sure tank and piping are cleaned off from residuals of previous lots
- ✔ Add 50% of water and start mixing
- ✔ Add Weavelon PWS slowly and mix to get homogenous solution While mixing, heating solution to 90°C for 30 minutes
- ✔ Add a portion of cold water to cool down solution to about 70°C-75°C
- ✔ Check concentration and viscosity
- ✔ Add Weavelon Dyes slowly and mix to get homogenous solution
- ✔ Add the rest of the cold water, maintain solution at 70°C-75°C and check viscosity
- ✔ Final check to ensure homogenous Weavelon Solution then pump to sizing box, maintain temperature of sizing box at 70°C-75°C through out the sizing process

The information given in this bulletin is, to the best of our knowledge accurate. It is intended to be helpful is not to be considered a guarantee



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The logo for AVCOchem features the word "AVCO" in a bold, blue, sans-serif font, followed by "chem" in a green, lowercase, sans-serif font. A registered trademark symbol (®) is positioned to the upper right of the "m".

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