



Allifix ED Series

SAL AND ALKALI RECOMMENDATION

depth	Glauber's salt or common salt (g/l)		Alkali (g/l)			Fixing time (min)
	Unmercerized cotton	Mer. Cotton, Viscose rayon	Soda ash	Soda ash + Caustic Soda	Na ₂ PO ₄	
< 0.5%	20	10	10	5 + 0.5	6	30
0.5 ~ 1%	30	20	15	5 + 0.5	6	45
1 ~ 2%	40	30	20	5 + 10	8	60
2 ~ 3%	50	40	20	5 + 10	8	60
3 ~ 4%	60	50	20	5 + 10	8	60
4 ~ 5%	70	60	20	5 + 10	10	60
5 ~ 6%	80	70	20	5 + 20	10	60
> 6%	80	70	20	5 + 20	10	90

INFORMATION ABOUT c TEMPERATURE

60°C is suitable for Allifix ED and Supra (SP) Series. For pale shade a precise temperature control and alkali addition will enhance the levelness and reproducibility

GENERAL DYEING METHOD ON WINCH, AND JET DYEING

- Dyes, salt and partial alkali are added to the dyebath at room temperature,
- Heat to the desired temperature at no more than 2°C/min
- Hold 10 – 20 min, add the rest alkali and dye for next 60-90 min.

Remark:

Automatic dosing systems for dyes and alkali will benefit the levelness and reproducibility.

WASH-OFF PROCESS (RECOMMENDED)

Bath	Temp (°C)	Time (Min)	Function
1	30 – 50	10 - 15	Cold rinsing or overflow rinsing
2	30 - 50	10 - 15	Neutralizing
3	60 - 70	10 - 15	Warm rinsing
4	80 - 98	10 - 15	Hot rinsing
5	98	10 - 15	Soaping
6	60 - 70	10 - 15	Warm rinsing
7	30 - 50	10 - 15	Cold rinsing
8	30 - 50	10 - 15	Softening and fixing

All technical data, recommendations and service are accurate to the best of our knowledge. Novact Corporation assumes no responsibility for the results obtained or damage incurred from use by the buyer in whole or in part since method of application and its use is beyond our control. It is the responsibility of the user to test the suitability of the products under their processing conditions



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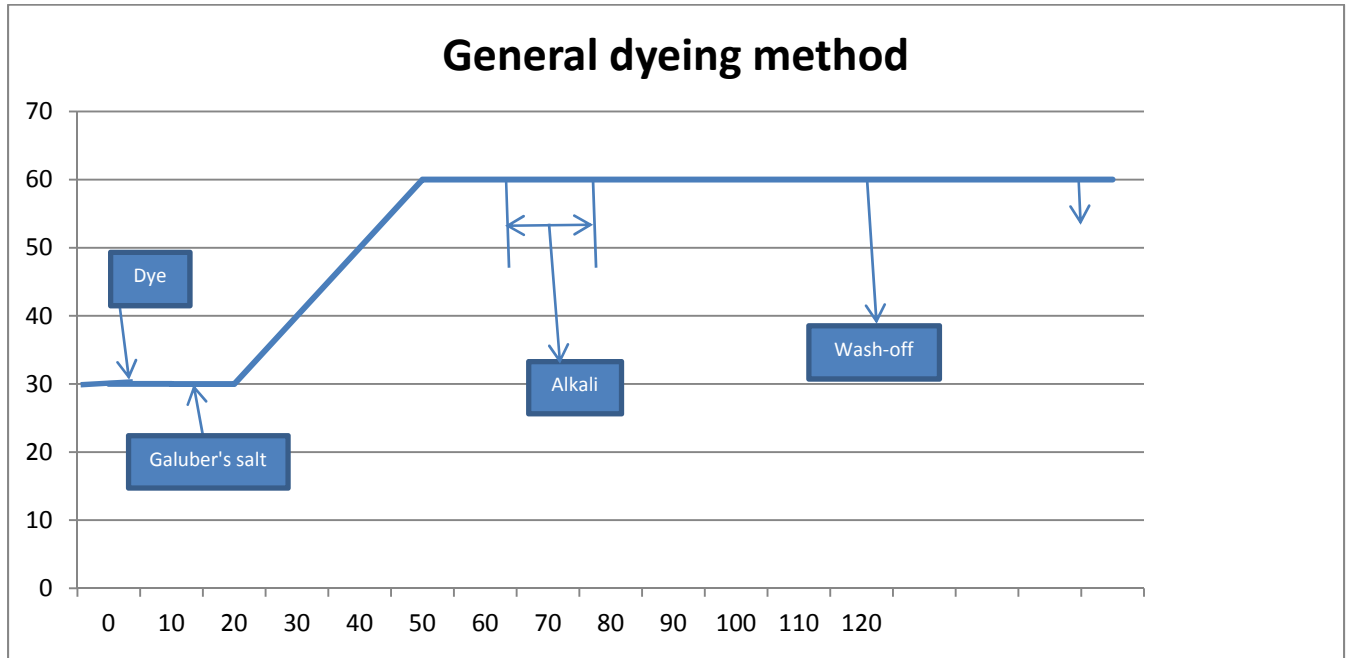
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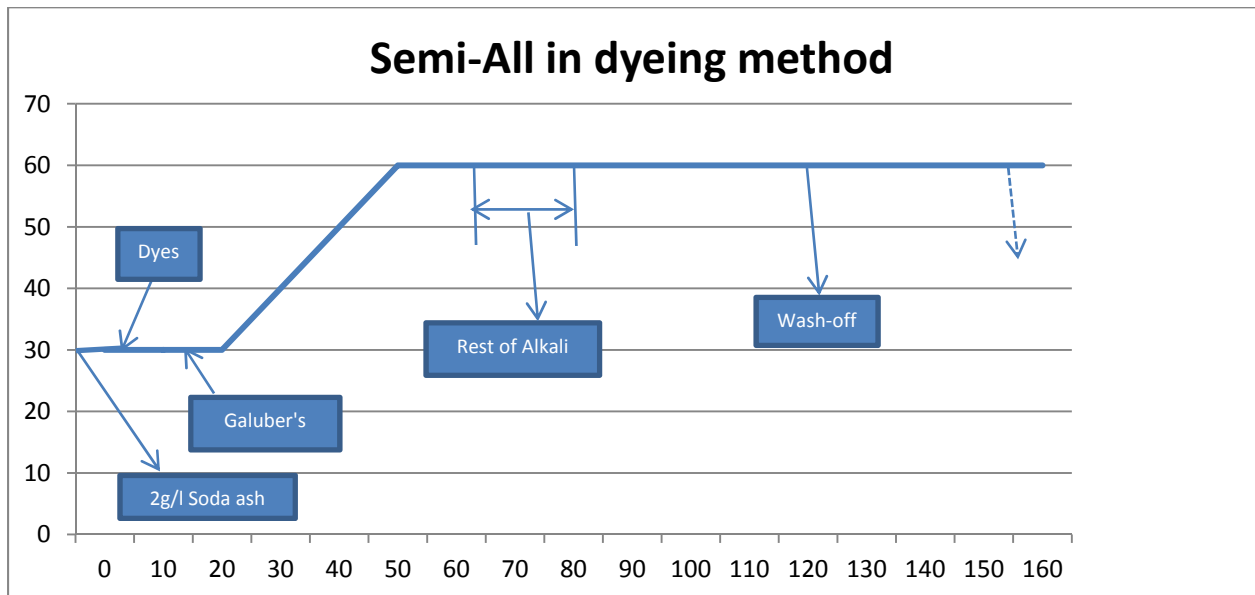
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1. EXHAUST DYEING METHOD

1.1. General dyeing method



1.2. Semi-All in dyeing method



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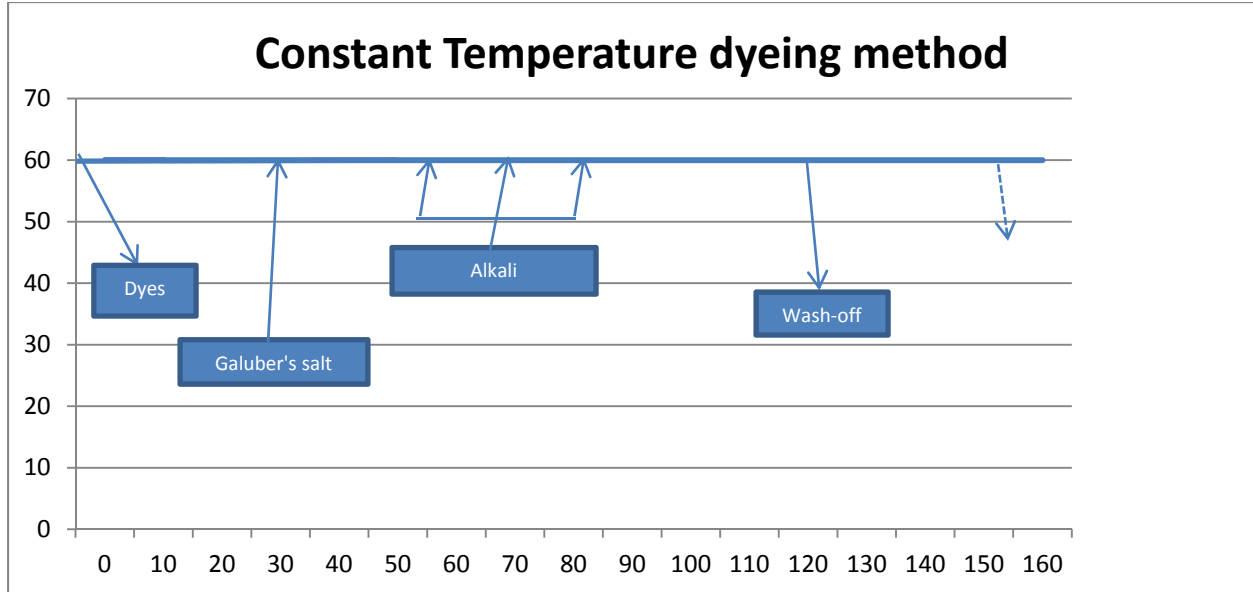
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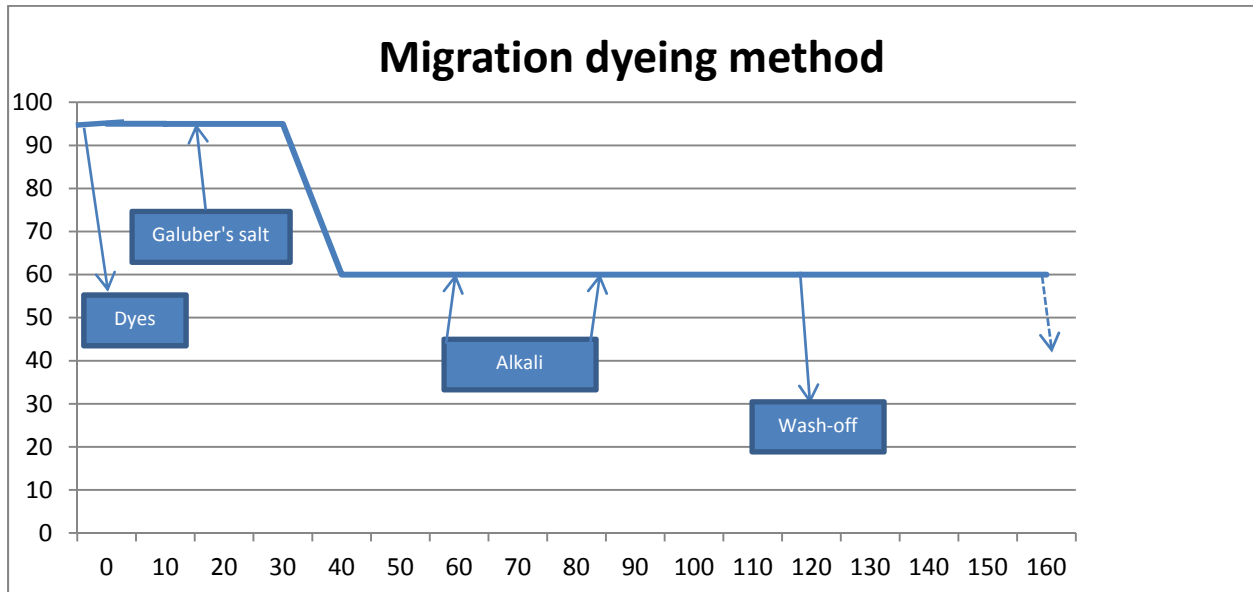
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1.3. Constant temperature dyeing method



1.4. Migration dyeing method



These graphics are for process illustration only and should not be considered to be precise description of the recommended time for each dyeing step

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