

## TECHNICAL TUESDAYS

TOPIC: Soaping Process

REF: TT/ Oct 2015/ WK 4

### What is Soaping Process?

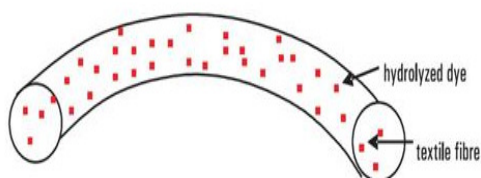
Soaping is the process of removing unfixed dyes or hydrolyzed dyes present on the textile fabric after Dyeing process to improve the Dye fastness of the textiles.

The Soaping efficiency would depend upon the amount of unfixed dye and ease of removal of unfixed dye from Textiles Dyed fabrics.

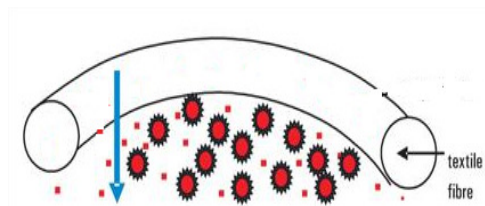
### Function of Soaping Agent:

The Soaping agent will facilitate the diffusion of unfixed dye molecules from the fiber into the water. It must eliminate the negative effect of hard forming ions on the solubility of unfixed hydrolyzed dye.

The Soaping Agent does not allow the hydrolyzed/ unfixed dye to re-deposit on the fabric.



Fabric before Soaping



Fabric during Soaping Process

### Factors governing Soaping process:

1. Processing Time
2. Temperature
3. Type of washing-off agent used
4. Concentration of washing-off agent

**Wishing you a great week ahead!**

Technical Tuesdays is a knowledge sharing initiative by Resil Chemicals Private Limited

[arc@resil.com](mailto:arc@resil.com) | [www.resil.com](http://www.resil.com)