

## TECHNICAL TUESDAYS

TOPIC: Advantages of Using Core Alkali Neutralizer in Textile Processing

REF: REF: TT/ Dec 2014/ WK 1

### What is core alkali?

The textile goods are processed under alkaline condition in scouring, bleaching, mercerizing, dyeing process, so after processing the alkali whatever used for processing will settle inside the core of the fiber on the textile goods. It makes the textile pH to alkaline, it should be neutralized properly before going to the further process.

### Advantages of Using core alkali Neutralizer in Textiles Processing:

We can avoid the shade change on Dyed Goods caused due to the presence of Core alkali.

We can avoid Phenolic yellowing on White goods Caused due to the presence of Core alkali.

We can avoid the bacteria & fungus growth on Textiles, because due to core alkali the bacteria & fungus growth will be more in textiles.

We can avoid the strength loss caused due to the core alkali.

If the fabric contains core alkali the fabric will give harsh feel while touching the fabric so we can avoid this problem by using core alkali neutralizer.

If we use the fabric contain core alkali for cationic softener finishing, the cationic softener has affinity towards the textile substrate only in acidic pH, so we will not get good performance in terms of handfeel, So by neutralizing the fabric with Core alkali neutralizer we can eliminate this problem.

### Benefits of Using Resil Range of Core alkali Neutralizer:

Ensures complete neutralization and core alkali inside the fibers/yarns

Recommended for neutralization after dyeing with reactive and vats, before soaping, ensuring better fastness properties

In the Finishing bath to maintain an acidic pH during continuous running of the stenters and helps in preventing softener breakages due to high residual alkali present on the substrate.

Environment friendly as it greatly reduces the effluent load.

**Wishing you a great week ahead!**

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