

TERRY TOWEL AND ITS PROCESSING – CONCLUDING PART

REF: TT/ JANUARY 2019 / WK 3

Terry Towel Manufacturing Process



Defects in Terry Towel

There are generally three types of defects in terry towel.

- **Man Related** - The man related defects are due to improper handling of materials. The types of defect are stains, yellow pen marking, colors stains, patchy dyeing, and length and cross cut, selvedge cut etc.
- **Machine Related** - The machine related defects are shearing, bowing, missing end, pile pulling, cracks, half pieces, reverse terry, lining, etc.
- **Material Related** - The material related defect are contamination, linting, etc.

Causses and remedies of different defects:

- A) **Stains** - Stains are one of the very common defects of terry towel. The causes are many. Oil stains, softener stain, dye spot are some of them.



REMEDIES

- Care must be taken during material handling by workers.
- Avoid material in contact with dusty part of machine, trolley etc.
- Loading or unloading the material in full polypropylene sheet covered trolley and then transfer to next process.
- Proper cleaning and washing of rope opener and shearing machine and trolleys etc.
- Daily checking the part of weaving machine and properly clean the machine.
- Use impurity less raw material of cotton.
- Proper or uniformly dissolving of softener in addition tank with water.
- Proper dosing of softener.
- Foam completely removes from fabric.
- Use right softener and the correct procedure of application.
- Maintain pH.
- Proper machine cleaning.

B) Dyeing hole defect – Dyeing hole defects are generally caused because of improper scouring and bleaching, improper peroxide and caustic dosing, over bleach and improper material handling may causes hole on the fabric.

REMEDIES

- Enzyme should be done carefully.
- Caustic dosing must be slow.
- Avoid over bleach of material.

C) Linting defect – These are caused due to improper sizing and use of low twist yarn in terry weaving.

REMEDIES - Only minor floats can be rectified.

D) Bowling defect – Caused because of Improper distance between spiral blade of shearing machine and material etc.

E) Uneven dyeing – Caused due to uneven pretreatment, rapid addition of dyes and chemicals, lack of controlling dyeing parameters etc.

REMEDIES

- By ensuring pretreatment.
- Proper addition of dyes and chemicals.
- Controlling all dyeing parameters.

Wishing you a great week ahead!

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