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ANALYSIS OF CHANGES IN FIBER PROPERTIES IN PROCESSES OPENING, CLEANING AND CARDING

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ABSTRACT

This article investigated and examined the change in the quality properties of cotton fiber and degree of purification. In the technological process of blowing, cleaning and carding. The basic purpose of this study determine the optimizing the technological parameters of blowing, cleaning and carding process for normal yarns by using fiber which is estimated as the average quality by the USTER®. Short fiber cotton was used to produce normal counts, i.e Ne 30 OE yarn spun on Autoconer 9 spinning frame. Yarn produced by spinning process from semi-finished products collected at different type technological parameters of spinning process shows variable yarn properties. The study of all these parameters plays important role to achieve better quality output of the spinning process.

KEYWORDS: *Fiber Properties, Blowing, Cleaning, Carding, Neps, Optimization*

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