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## References

1. [http://www.itkib.org.tr/ihracat/DisTicaretBilgileri/raporlar/dosyalar/2009/Tekstil%20performans\\_raporu%20Ey-lul\\_%202009.pdf](http://www.itkib.org.tr/ihracat/DisTicaretBilgileri/raporlar/dosyalar/2009/Tekstil%20performans_raporu%20Ey-lul_%202009.pdf), June, 2010.
2. Çelik A, Bozkurt Y. Turkish Textile Industry and Role of the Cotton Yarn Spinning Industry in the World. *Meliand International* 2006; 2: 102-104.
3. Özer A. *Cotton Textile Sector Developments and Prospects*. Türkiye Sinai Kalkınma Bankası, İstanbul, 2004.
4. Kadolph SJ, Langford AL, Hollen N, Saddler J. *Textiles*. 7th Ed., Macmillan Publishing Company, New York, 1993.
5. Kadoğlu H. Tensile Properties and Tensile of the Factors which Effect the Rotor Yarns. *Tekstil & Teknik* 1991; 76: 19-24.
6. Bozkurt Y. OE-Rotor Spinning, Investigation of the Effect of Physical Parameters of Spinning Nozzles of Different. *Tekstil ve Konfeksiyon* 1993; 6: 425-433.
7. Karınca E. Rotor İplik Makinasında Eğirme Elemanlarından Duse ve Rotor Kapağının Değişiminin Pamuk İpligine Etkisi Üzerine Bir Çalışma. *Tekstil ve Konfeksiyon* 1996; 5: 324-329.
8. Babaarslan O, ve Duru P. Open-End Rotor Sisteminde Farklı Rotor ve Duse Çeşitlerinin İplik Yapı ve Özellikleri Üzerine Etkilerinin Araştırılması. *Tekstil & Teknik* 1997; 10: 66-76.
9. Nawaz M, Jamil NA, Iftikhar M, Farooqi B. Spinning Performance of Open End Yarns as Affected by Some Processing Variables. *International Journal of Agriculture & Biology* 2002; 4(2): 252-255.
10. Tülüce HK, ve Vuruşkan D. Influence of Rotor Coating and Novel form on Yarn Quality Parameters in Rotor Spinning. *Tekstil & Teknik* 2004; 5: 198-208.
11. Kaplan S, Göktepe Ö. Investigation into Navel Selection for Rotor Spinning Machine Using Cotton Waste. *Fibres & Textiles in Eastern Europe* 2006; 14(3): 58-62.
12. Kaplan S, Araz C, Göktepe Ö. A Multicriteria Decision Approach on Navel Selection Problem for Rotor Spinning. *Textile Research Journal* 2006; 76(12): 896-904.
13. Erbil Y, Babaarslan O, Baykal Duru P. Influence of Navel Type on the Hairiness Properties of Rotor-Spun Blend Yarns. *Fibres & Textiles in Eastern Europe* 2008; 16(2): 67.
14. USTER HVI 900 Kataloğu, Textile Laboratory-Fibre Testing, 1991.
15. Çoruh E. *Investigation of properties of single jersey fabrics made from OE-rotor yarns produced by using different nozzle types*. PhD. Thesis, Çukurova University Institute of Natural and Applied Sciences Department of Textile Engineering Adana. 2011, sf. 237
16. TS EN ISO 139. Textiles - Standard atmospheres for conditioning and testing, 2008.
17. <http://www.uster.com/UI/Statistics.aspx2008>.
18. EN ISO 2062. Textiles - Yarns from packages - Determination of single-end breaking force and elongation at break using constant rate of extension (CRE) tester, 2010.

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- Andrzej K. Błędzki 'Cellulose fibres substitute of glassfibres in biocomposites'
- Danuta Ciechańska 'Biomass as a source of functional polymeric materials'
- Zbigniew Floriańczyk 'Polimeric materials on the basis of unorganic-organic polymers'
- Andrzej Gałecki 'Composites and nanocomposites on the basis of polilactide'
- Marek Kowalcuk 'Synthesis and properties of biodegradable poli(ester-urethanes) and their application'

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