

## References

1. Guo H X. *Research and development of worsted yak wool products* [D]. Xi'an: Xi'an Polytechnic University, 2005.
2. Vineis C, Tonetti C, Paoletta S, Pozzo P, Sforza S. A UPLC/ESI-MS method for identifying wool, cashmere and yak fibres [J]. *Textile Research Journal* 2014; 84(9): 953-958.
3. Wang Y Z, Lu Y H. Fiber characteristics and performance analysis of yak wool [J]. *Wool Textile Journal* 2002; 1: 18-19.
4. Wu J, Xie C P, Liu X J. Comparison analysis of two kinds of Yakwool condensed yarn property [J]. *Cotton textile technology*,2015; 43(6): 53-56,.
5. Cheng K P S, Yu C. A study of compact spun yarns [J]. *Textile Research Journal* 2003; 73(4): 345-349.
6. Guldemet B, William O. Comparison of properties and structures of compact and conventional spun yarns [J]. *Textile Research Journal* 2006; 76(7): 567-575.
7. Beceren Y, Nergis B U. Comparison of the effects of cotton yarns produced by new, modified and conventional spinning systems on yarn and knitted fabric performance [J]. *Textile Research Journal* 2008; 78(4): 297-303.
8. Zou Z Y, Zhu Y D, Hua Z H, Wang Y, Chen L D. Studies of flexible fiber trajectory and its pneumatic condensing mechanism in compact spinning with Lattice Apron [J]. *Textile Research Journal* 2010; 80(8): 712-719.
9. Cheng K P S, Sun M N. Effect of strand spacing and twist multiplier on cotton Sirospun yarn [J]. *Textile Research Journal* 1998; 68(7): 520-527,.
10. Liu X J, Su X Z. Research on Sirospun yarn torque using airflow false twisting device [J]. *Journal of the Textile Institute* 2013; 104(5): 473-480.
11. Liu X J, Liu WL, Zhang H, Su X Z. Research on pneumatic compact spun yarn quality [J]. *Journal of the Textile Institute* 2015; 106(4): 431-442.