

## References

1. Kutlu BA, Cireli. Thermal Analysis and Performance Properties of Thermal Protective Clothing. *Fibers & Textiles in Eastern Europe* 2005; 13(3): 58-62.
2. Lu YH, Song GW, Li J, et al. Effect of an air gap on the heat transfer of protective materials upon hot liquid splashes. *Textile Research Journal* 2013; 83(11): 1156-1169.
3. Mah Tannie, Song GW. Investigation of the Contribution of Garment Design to Thermal Protection. Part 1: Characterizing Air Gaps using Three-dimensional Body Scanning for Women's Protective Clothing. *Textile Research Journal* 2010; 80(13): 1317-1329.
4. Mah Tannie, Song GW. Investigation of the Contribution of Garment Design to Thermal Protection. Part 2: Instrumented Female Mannequin Flash-fire Evaluation System. *Textile Research Journal* 2010; 80(14): 1473-1487.
5. Cui ZY, Wan YM, Zhang WY. Thermal protective performance and moisture transmission of firefighter protective clothing Based on Orthogonal Design. *Journal of Industrial Textiles* 2010; 39(4): 347-356.
6. Barker RL, Guerth-Schacher C, Grimes RV, et al. Effects of Moisture on the Thermal Protective Performance of Firefighter Protective Clothing in Low-level Radiant Heat Exposures. *Textile Research Journal* 2006; 76(1): 27-31.
7. Zhu FL, Zhou Y. Modelling Heat-Moisture Transport through Firefighters' Protective Fabrics from an Impinging Flame Jet by Simulating the Drying Process. *Fibres & Textiles in Eastern Europe* 2013; 21(5): 85-90.
8. Day M, Cooney JD, Supruncwuk T. Durability of Firefighters' Protective Clothing to heat and light. *Textile Research Journal* 1988; 58(3): 141-147.
9. Jain A, Vijayan K. Thermally induced structural changes in Nomex fibres. *Bulletin of Materials Science* 2002; 25(4): 341-346.
10. Mäkinen H. The effect of wear and laundering on flame-retardant fabrics. *Performance of protective clothing* 1992; 4: 754-764.
11. Davis R, Chin J, Lin Chiao-Chi, et al. Accelerated weathering of polyaramid and polybenzimidazole firefighter protective clothing fabrics. *Polymer Degradation and Stability* 2010; 95(5): 1642-1654.
12. Abbott NJ, Schulman S. Protection from Fire: Nonflammable Fabrics and Coatings. *Journal of Coated Fabrics* 1976; 6(1): 48-62.
13. American Society for Testing and Materials. ASTM D5035-11 Standard Test Method for Breaking Force and Elongation of Textile Fabrics (Strip Method). *American Society for Testing and Materials*, 2011.
14. American Society for Testing and Materials. ASTM D5587-08 Standard Test Method for Tearing Strength of Fabrics by Trapezoid Procedure. *American Society for Testing and Materials*, 2008.
15. NFPA1971: Standard on Protective Ensembles for Structural Firefighting and Proximity Fire fighting. *National Fire Protection Association*, 2013.
16. Wang LZ, Cai GM, Yu WD. Influence of high temperature and ultraviolet on mechanical property of aramid yarn. *Synthetic Fiber in China* 2008; 31(1): 21-24.
17. Wang SZ, Wang QR, Liu ZF. Introduction of high Performance Fibers. *Donghua Univeristy Press*, 2005, 344.

18. Villar-Rodil S, Paredes JI, Martı́nez-Alonso A, et al. Atomic Force Microscopy and Infrared Spectroscopy Studies of the Thermal Degradation of Nomex Aramid Fibers. *Chemistry of Materials* 2001; 13(11): 4297-4304.