

## References

1. Wang J, Seong CK and Pui DYH. Investigation of the figure of merit for filters with single nanofiber layer on substrate. *Journal of Aerosol Science* 2008; 39, 323-334.
2. Gibson P W, Lee C, Ko F and Reneker D. Application of Nanofiber Technology to Nonwoven Thermal Insulation. *Journal of Engineered Fibers and Fabrics* 2007; 2, 2: 32-40.
3. Jackiewicz A, Podgórski A, Gradoń L and Michalski J. Nanostructured Media to Improve the Performance of Fibrous Filters. *KONA Powder and Particle Journal* 2013;. 30: 244-255.
4. Barhate RS, Ramakrishna Seeram. Nanofibrous filtering media: filtration problems and solutions from tiny materials. *Journal of Membrane Science* 2007; 296: 1-8.
5. Zohuriaan-Mehr MJ, Omidian H, Doroudiani S and Kabiri K. Advances in non-hygienic applications of superabsorbent hydrogel materials. *J. Mater Sci.* 2010; 45: 5711-5735.
6. Brochocka A, Majchrzycka K, Makowski K. Modified melt-blown nonwovens for respiratory protective devices against nanoparticles. *Fibres and Textiles in Eastern Europe* 2013; 21, 4(100): 106-111.
7. Przekop R and Gradoń L. Deposition and filtration on nanoparticles in the composites of nano- and microsized fibres. *Aerosol Sci. Technol.* 2008; 42(6): 483-493.
8. Brochocka A. and Majchrzycka K. Technology for the Production of Bioactive Melt-blown Filtration Materials Applied to Respiratory Protective Devices. *Fibres and Textiles in Eastern Europe* 2009; 17, 5(76): 92-98.
9. Thakur R, Das D and Das A. Electret Air Filters. *Separation & Purification Reviews* 2012; 42: 87–129, ISSN 1542-2119.
10. Irzmańska E and Dudkiewicz J. Preliminary evaluation of airlaid nonwovens with superabsorbent for use in protective footwear: tests involving a thermal foot model and climatic chamber. *Fibres and Textiles in Eastern Europe* 2015; 6(114): 138-142.
11. Dutkiewicz J. Superabsorbent Materials from Shellfish Waste—A Review. *Journal of Biomedical Materials Research* 2002; 63, 3: 245–381.
12. EN 13274-7: 2008. Sprzęt ochrony układu oddechowego. Metody badań. Wyznaczenie penetracji filtra.
13. EN 149:2001 +A1:2009. Respiratory Protective devices – Particle filtering half masks – Requirements, testing, marking.
14. EN 13274-3: 2008. Sprzęt ochrony układu oddechowego. Metody badań. Wyznaczenie oporu oddychania.
15. Urbaniak–Domagała W, Wrzosek H, Szymanowski H, Majchrzycka K and Brochocka A. Plasma Modification of Filter Nonwovens Used for the Protection of Respiratory Tracts. *Fibres and Textiles in Eastern Europe* 2010, 83 (6): 94-99.
16. Brochocka A, Mian I, Majchrzycka K, Sielski J and Tyczkowski J. Plasma modified polycarbonate nonwovens as filtering material for liquid aerosols. *Fibres and Textiles in Eastern Europe* 2013; 22, 1(103): 80-84.
17. Bartels V.T. *Handbook of Medical Textiles*, Woodhead Publishing 2011, 505-547.

18. Irzmańska E, Brochocka A and Majchrzycka K. Textile composite materials with bioactive melt-blown nonwovens for protective footwear. *Fibres and Textiles in Eastern Europe* 2012, 20, 6A(95), 119-125.
19. Irzmańska E and Brochocka A. Influence of the physical and chemical properties of composite insoles on the microclimate in protective footwear. *Fibres and Textiles in Eastern Europe* 2014, 22, 5(107), 89-95.