

**Table 4.** Comparison of MSE and R values of MLP and RBF models.

Fabric type		MLP				RBF			
		Seam strength		Elongation at break		Seam strength		Elongation at break	
		MSE	R	MSE	R	MSE	R	MSE	R
Gabardine	Train	3.90E-19	1.0000	1.21E-18	1.0000	4.41E-01	0.9976	0.0164	0.9966
	Test	1.22E+00	0.9863	0.0545	0.9887	1.94E+01	0.8065	0.5672	0.8540
Poplin	Train	1.37E-13	1.0000	0.2032	0.9977	1.57E-01	0.9987	0.0053	0.9988
	Test	3.33E-05	1.0000	0.0062	0.9985	7.93E+00	0.9014	0.2153	0.9562

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# XXI Scientific Conference - Modification of Polymers

18-20 October 2013, Kudowa Zdrój, Poland

**Organiser:** Wrocław University of Technology, Faculty of Chemistry, Department of Engineering and Technology of Polymers

## Scope of the conference

- Chemical modification and relative processing of polymers
- Physical modification of polymers, polymer composites and nanocomposites
- Special polymer systems
- Polymer products of renewable and secondary raw materials
- New directions of polymer application
- Investigation methods and polymer properties

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