



Co-financed by Greece and the European Union



Development of a **Textile** with **Silica** coating for environmental friendly control of insects in **Agricultural** production

Deliverable [15]: *[Datas of the textile's characterization]*

Version 1.0: first version delivered on 28/11/2019

This project is co-financed by the European Union and Greek national funds through the bilateral Greece-Germany S & T Cooperation Program, Competitiveness, Entrepreneurship & Innovation (EPAN EK) (project code: T2DGE-0120).

Project Details:

Programme: Bilateral Greece-Germany S & T Cooperation Program, Competitiveness, Entrepreneurship & Innovation

Project Title: Development of a textile with Silica coating for environmental friendly control of insects in agricultural production

Project Acronym: AgriTexSil

Proposal Number: T2DGE-0120

Time Frame: 29/05/2018 – 28/04/2021

Deliverable Details

WP: [5]

Task(s): [5.4]: [Textile characterization]

Deliverable Title: [Datas of the textile's characterization]

Deliverable type: Report, Confidential, only for members of the consortium (including the Commission Services)

Lead beneficiary: [ITA]

Involved Partners: [P&S, ThraceNG]

Deadline for delivery: month [18], [28/11/2019]

Date of delivery: [28/11/2019]

Del [15]: [Datas of the textile's characterization]

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1. Summary

Coated textiles were analysed in microscopy for light transmittance as well as for air permeability and tenacity, as shown in Figure 1.1. It was shown that the coating of the textile does not have a negative effect on the tenacity, but does influence the air permeability and the light permeability. The biggest effect is thereby caused by the particle size, where bigger particles result in a bigger reduction.

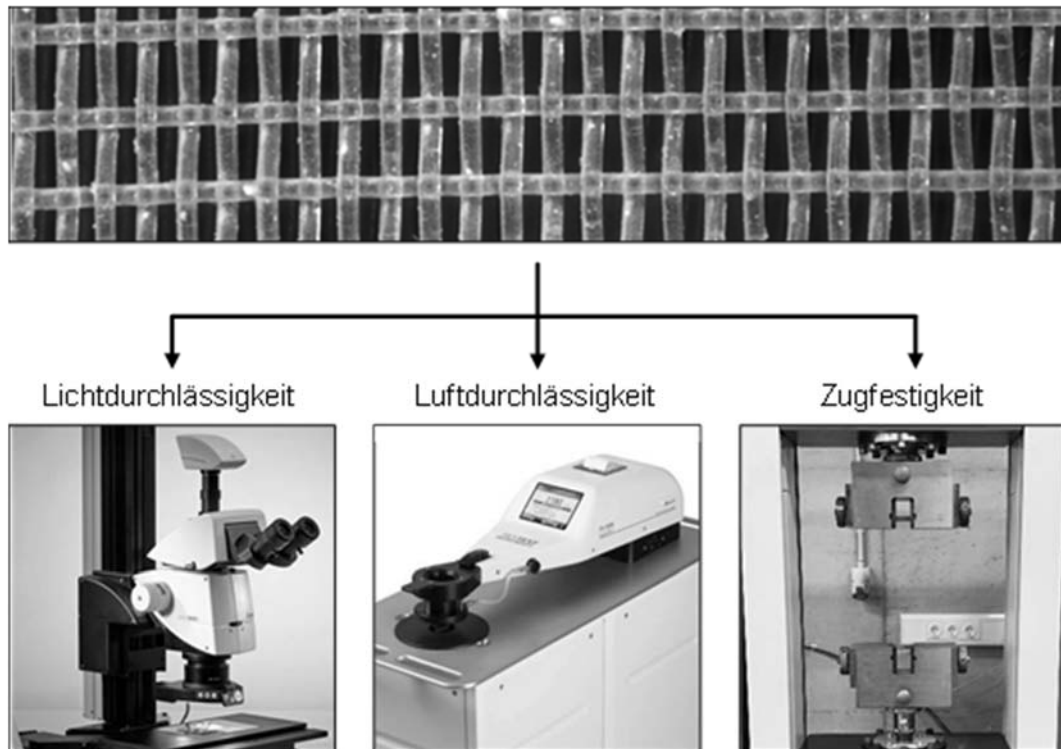


Figure 1.1: Testing methods for coated textile

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The deliverable is available upon request

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