

REFERENCE OF DIPLOMA THESIS SUPERVISOR

TITLE: STUDY OF COMBUSTIBILITY OF THERMAL BONDED NONWOVENS

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DIPLOMA THESIS SUPERVISOR: ING. JIŘÍ CHALOUPEK Ph.D.

This work deals with the study of flame propagation in classical nonwovens.

The diploma thesis contains theoretical and experimental part. Student has chosen the correct approach and solution methods. The theoretical part is well processed. Production technologies for the production of nonwovens are described herein. In the experimental part the student proceeded systematically and the experiment gives the logic. In the experimental part, 16 different samples were produced, which differed in composition and bulk density. The samples were subjected to a horizontal and vertical combustion test. Burning time and burning rate were monitored.

There are formal mistakes in the work. It reads well. Typographical and language arrangement of thesis is good. The processing of graphs, tables and images is good. The results of the work are satisfyingly presented. It is a pity that the discussion of the results is not more extensive.

The student worked independently all the time. He regularly consulted.
The plagiarism was check by the Library of Technical University of Liberec.
The result was, that there is no plagiarism on this thesis.
The thesis has a diploma thesis level.

I evaluate handed thesis with classification grade

Very good

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26.1.2021

Signature: