

REFERENCE OF DIPLOMA THESIS SUPERVISOR

TITLE: APPLICATION OF PERPENDICULARLY LAID NONWOVENS IN
AUTOMOTIVE INDUSTRY

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The aim of the thesis was to develop an approach that starts with experimental studies of thermally bonded nonwovens with different layering of web to achieve some better characteristics compared to polyurethane foams that are widely used in the automotive seat industry.

A lot of work has been done on this subject in the past. The benefit of this work is the connection of the technology of production of perpendicularly laid nonwoven fabrics and subsequent lamination with the top material. The measured results show that this material could be interesting.

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.

There are not many mistakes at work. It reads well. Typographical and language arrangement of thesis is good. The processing of graphs, tables and images is very nice. The results of the work are well presented.

The student worked independently all the time. He regularly consulted. I greatly appreciate his efforts and his own invention.

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

Excellent

Liberec 10.5.2019

Signature:

