THESIS SUPERVISOR´S ASSESSMENT

Student's full name	Annapandiyan Subbu
Thesis title	On Electrorheological Properties of Polypyrrole and Silver Composite Particles
Supervisor's name	Sedlacik Michal
Degree course	Polymer engineering
Mode of study	Full-time

Thesis evaluation criteria	Classification grade according to ECTS					
Structure						
Outline and division	A	**B**	C	D	E	F
Language level	A	**B**	C	D	E	F
Formatting (citations, presentation)	A	**B**	C	D	E	F
Content						
Thesis statement formulation	A	B	**C**	D	E	F
Sources and their utilization	A	**B**	C	D	E	F
Methods of processing the research problem	A	B	**C**	D	E	F
Level of analytical and interpretive components	A	B	C	**D**	E	F
Formulation of conclusions and meeting the objectives	A	B	**C**	D	E	F
Originality and vocational contribution	A	**B**	C	D	E	F

Evaluation justification (strengths and weaknesses of thesis):

The submitted Master Thesis deals with the synthesis of Polypyrrole–Silver composite particles and their electrorheological (ER) performance. The aim is to prepare materials with different conductivities reached via variation in oxidating agent concentrations in order to obtain novel particles for application from insulators to conductive shielding materials. The Thesis is concentrated on their use in ER suspensions as one of the most promising intelligent systems since the variation of particles conductivity in specific range can bring interesting features of such systems.

The Thesis is constructed in a logical way matching the procedure used for general ER suspension characterization. Unfortunately, as a supervisor of the Thesis, I have to mention irresponsible approach of the diploma candidate during both experimental working in the laboratory as well as writing the Thesis, which should be reflected in the overall mark.

Despite this fact I approve the work for the defence and classify it with **D**.

Finally, the Master Thesis has been checked via plagiarism detection system and the result was 0 % and, thus, the work is original.

Questions to be answered by student:

No questions.

The work was checked by the plagiarism detection system Theses with the result of negative/positive.*

Overall mark**	A	B	C	**D**	E	F

Date: 24/05/2013   Signature: *Sedlacik*

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* Circle the appropriate determination.
** Overall mark is not a mathematical average of individual marks.