
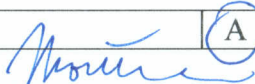


THESIS SUPERVISOR'S ASSESSMENT						
Student's full name	Bo Zhang					
Thesis title	β-nucleation of surface modified iron oxides in isotactic polypropylene					
Supervisor's name	Robert Moučka					
Degree course	English for Business Administration					
Mode of study	Full-time					
<b>Thesis evaluation criteria</b>	<b>Classification grade according to ECTS</b>					
<b>Structure</b>						
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
<b>Content</b>						
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
<b>Evaluation justification (strengths and weaknesses of thesis):</b>						
<p>The Master Thesis deals with enhanced nucleation effect of pimelic acid in iso-polypropylene when the nucleation agent is deposited on the carrier particles. As such it is predominantly focused on surface modification particularly the case of nanoparticles. Two different ways of coating are presented and assessed on the basis of resulting nucleating effect by standard experimental techniques such as WAXD, DSC, polarised light microscopy.</p> <p>The research topic is clear and carefully justified. Even though the theory part can be seen as rather brief could benefit from its expansion it keeps to the point with ideas presented in a logical manner. Presentation is clear, tables and figures support the interpretation however there are some technical limitations in e.g. inhomogeneity of plots, list of references. Nevertheless, the text is written with an appropriate academic style and register. The student has been active and committed to his work. Therefore I recommend the thesis for defence and award it a mark A.</p>						
<b>Questions to be answered by student:</b> 						
<p>The work was checked by the plagiarism detection system Theses with the result of <u>negative</u>/positive.*</p>						
<b>Overall mark</b> **	(A)	B	C	D	E	F
Date: 20.5.2013	Signature: 					

\* Circle the appropriate determination.

\*\* Overall mark is not a mathematical average of individual marks.