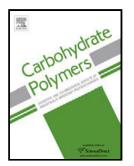
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Title: Assessment of Starch-based Wood Adhesive Quality by Confocal Raman Microscopic Detection of Reaction Homogeneity



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1 Highlights:

- 2 Confocal Raman microscopy was used to detect the reaction homogeneity of vinyl acetate
- 3 grafted on maize starch granules.
- 4 The quality of high solid content starch based wood adhesive was related to the reaction
- 5 homogeneity.
- 6 The analysis of grafted single starch granules by CRM is a useful method to acquire
- 7 information about reaction homogeneity.
- 8

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