
Quantitative NMR spectroscopy of polymers: from solubility to topology

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Résumé

The experimental conditions required to perform quantitative NMR spectroscopy are well-known. Performing quantitative NMR of polymers we have been asking two questions:
a) What are the precision and accuracy of the quantification by NMR? Signal-to-noise ratio and baseline correction can both play a critical role.

b) How does the polymer solubility determined by NMR compare to the one determined by other methods? What does this solubility correspond to?

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