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## **Effect of Molecular Architecture on the Flow-induced Crystallization of Poly-1-butene**

*J. Baert (a), B. Goderis (b) and P. Van Puyvelde (a)*

*(a) K.U. Leuven, Department of Chemical Engineering, W. de Croylaan 46, B-3001 Leuven (Belgium)*

*(b) K.U. Leuven, Department of Chemistry, Celestijnenlaan 200F, B-3001 Leuven (Belgium)*

In this work, the effect of molecular architecture on the flow-induced crystallization of poly-1-butene is investigated by means of a wide variety of experimental techniques that cover a wide range of lengthscales in the material. The focus of the work is on the effect of molecular architecture on the global crystallization kinetics and the resulting crystalline morphology.