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ABSTRACT

Atomic force microscopy has been employed to study the structure of isotactic polypropylene (PP) deformed in a physically active liquid medium (PALM) by the crazing mechanism. The investigations have been performed directly in the liquid, in which deformation is carried out, and under conditions excluding PP contraction. In order to study the effect of the initial PP structure on the crazing mechanism, the polymer structure was varied by annealing. The crazing mechanism, as well as the parameters and morphology of the polymer, has been

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