

**AMORPHOUS-CRYSTALLINE AND
SUPRAMOLECULAR STRUCTURE OF STATISTICAL
COPOLYMERS OF 3,3-bis(AZIDOMETHYL)OXETANE
AND 3-AZIDOMETHYL-3-METHYLOXETANE**

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The results of the study of statistical copolymers of 3,3-bis(azidomethyl)oxetane (BAMO) and 3-azidomethyl-3-methyloxetane (AMMO) with a different molecular weight of monomer units, where A is the non-crystallizable "soft" block of AMMO and B is the "hard" block of BAMO, are reported. By wide angle X-ray diffractometry and IR spectroscopy, the amorphous-crystalline structure of AMMO BAMO copolymers is studied; the degree of crystallinity, crystallite size, and their defects are determined. The domain structure of the statistical copolymers is determined using small angle X-ray diffractometry.

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