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COVER

Morphology of the first ferroelectric polymer, poly(vinylidene fluoride), recorded in the polarizing optical microscope at a magnification of about 105 times. The polymer consists of polycrystalline aggregates (called "spherulites"), of which two types are observed in this micrograph. The small, rounded spherulites contain crystals of an electrically polar phase; their large polygonal counterparts are of a nonpolar phase, which can, however, be electrically polarized at high fields. See page 1115. [A. J. Lovinger, Bell Laboratories, Murray Hill, New Jersey 07974]