

**Polymer lifetime studies in hostile environment.** Hamid, S. H.; Amin, M. B.; Maadhah, A. G.; Al-Jarallah, A. M. Res. Inst., King Fahd Univ. Pet. Miner., Dhahran, Saudi Arabia. *Polymeric Materials Science and Engineering* (1992), 67 399-400. CODEN: PMSLEDG ISSN: 0743-0515. Journal written in English. CAN 118:40362 AN 1993:40362 CAPLUS (Copyright (C) 2008 ACS on SciFinder (R))

**Abstract**

Structural changes, surface characteristics, and mech. properties of white pigmented PVC pipes exposed to hostile weather conditions of Saudi Arabia were studied. The weathering behavior of the polymer compn. did not solely depend on the chem. nature of the polymer and additives, but also on the severity of weather parameters (solar radiation, humidity, and ambient temp.).