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SCIENTIFIC FILMS
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1966



TECHNICS

Berol Piping

Berolové potrubí

Authors : R. Bareš, Vl. Čermák, F. Blížek

(Institute of Theoretical and Applied Mechanics,
Czechoslovak Academy of Sciences, Vyšehradská 49,
Praha 2;
Doprastav, Bratislava)

16mm sd.opt. b&w 10 mins. Lang.: English 1964

Contents :

Draining highly aggressive water from chemical plants and the transport of chemicals is a difficult problem in the chemical industry. The manufacture of the new material and the production of a large piping from this material are demonstrated.

Berol - Research and Application

Berol - výzkum a aplikace

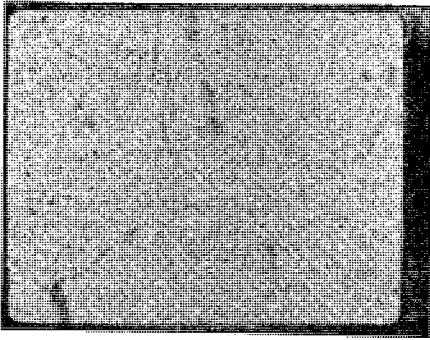
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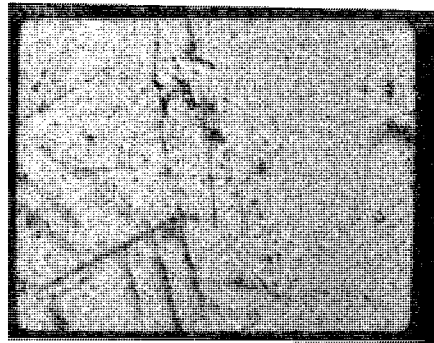
16mm sd.opt. b&w 15 mins. Lang.: Czech 1965
French
Russian

Contents :

Insulating engineering structures against corrosive agents, acids, bases, etc. presents a great problem, above all, in the chemical industry. The new anticorrosion building material, berol, solves most of these problems. The film deals with the research and verification tests of the new material, with the manufacture of berol parts and with the construction of a pipeline for extremely aggressive waste water from a big chemical plant.



Phase 1



Phase 2



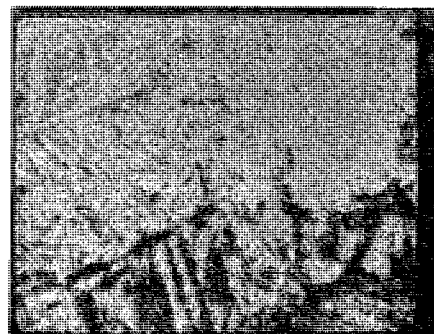
Phase 3



Phase 4



Phase 5



Phase 6

Single phases of the rise and progress of the crystallographic slip and of the martensitization transformation. From the scientific film "Film Studies of the Transformations in Steels under the Temperature-Microscope".