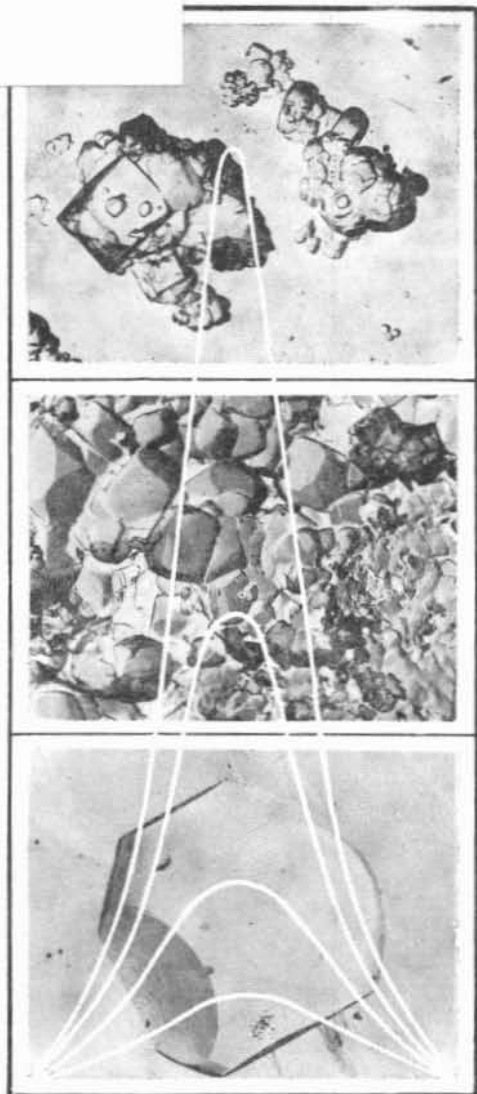


SINTERING of Na F



Edited by

D. P. Uskoković and M. M. Ristić

INSTITUTE OF TECHNICAL SCIENCES
OF THE
SERBIAN ACADEMY OF THE SCIENCES AND ARTS

BEOGRAD/YUGOSLAVIA 1976.

Библиотека Института техничких наука
Српске академије наука и уметности
Инв. бр. ITN/348 Сигн. ITN 1976/2

INSTITUTE OF TECHNICAL SCIENCES
OF THE
SERBIAN ACADEMY OF THE SCIENCES AND ARTS

Division of Physics and Technology
of Sintering and Sintered Materials

SINTERING of Na F

Edited by

D. P. Uskoković and M. M. Ristić

BEOGRAD/YUGOSLAVIA 1976.



CONTENTS	Page
Preface	3
Introduction	5
1. Sodium Fluoride and its Properties	15
2. The Investigation of the Recovery Process of Sodium Fluoride	17
3. The Initial Stage of Sodium Fluoride Sintering under Non-Isothermal Conditions	25
4. The Kinetics of Sintering of Sodium Fluoride Crystals	37
5. The Mechanism of Sintering of Sodium Fluoride and the Influence of Paramagnetic Centres in this Process.....	51
6. The Analysis of the Sintering Process of Sodium Fluoride from the Standpoint of Changes in Microstructure Constituents	73
7. Some Thermophysical Properties of Sodium Fluoride	97