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ON THE SWELLING OF 6 NYLON IN AQUEOUS PHENOL SOLUTION AND THE BEHAVIOR OF PHENOL ABSORPTION. Rept. no. 2 [Pt. 9]. of the Studies on the Fine Structure of 6 Nylon by Phenol Absorption. [1961] 14p. (6 figs. omitted) 5 refs. Order from SLA \$1.60

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DESCRIPTORS: \*Synthetic fibers, \*Nylon, Physical properties, Crystallization, \*Phenols, Absorption.

Tests showed that most of the increase in the amount of the fiber swelling which takes place in an aqueous solution of phenol is due to the absorption of phenol. The amount of water which is absorbed is extremely small. The absorption heat of phenol on the 6-nylon (Materials--Textiles, TT, v. 9, no. 6) (over)

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II. Kisil', O. M.  
III. Fomichov, E. M.  
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