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Order from OTS or SLA \$1.10

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Trans. of Tekstil'maya Prom[yslennost'] (USSR)  
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DESCRIPTORS: \*Cellulose, \*Polymerization, Viscosity,  
Rayon, Organic solvents, Measurement, Mathematical  
analysis.

The specific viscosity of cellulose may be determined  
in an aqueous solution of organic base without an inert  
gas atmosphere. For cellulose in triethylbenzyl-  
ammonium hydroxide, there was obtained  $5.7 \cdot 10^{-4}$   
(Materials--Textiles, TT, v. 10, no. 11) (over)

63-18438

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Trans. of [Zhurnal Prikladnoi Khimii] (USSR) 1936,  
v. 9, p. 1183-1190.

DESCRIPTORS: \*Sodium compounds, \*Fluorides,  
\*Silicates, Solubility, Water, Acids, Aluminum  
compounds, Temperature, Statistical data.

The work described showed that with increase of temperature and HF concentration in the solvent the solubilities of both  $\text{Na}_2\text{SiF}_6$  and  $\text{Al}_2\text{F}_6 \cdot 5\text{H}_2\text{O}$  increase. The composition of the aluminum fluoride corresponding to the ordinary method by which it is produced was established. This composition is  $\text{Al}_2\text{F}_6 \cdot 5\text{H}_2\text{O}$ . Invest- (Chemistry--Inorganic, TT, v. 10, no. 4) (over)

63-14618

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