

FIG. 1. X-ray diffraction patterns of separated clays.

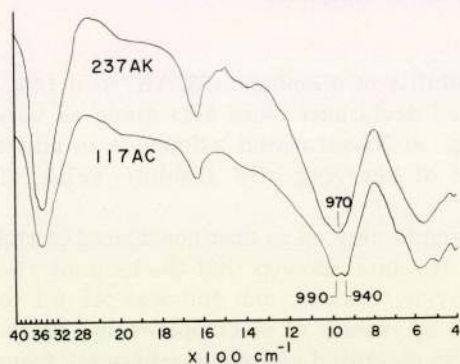


FIG. 3. Infrared spectra of air-dried clays pressed in KBr. Ordinate; transmittance. Abscissa; wave number.

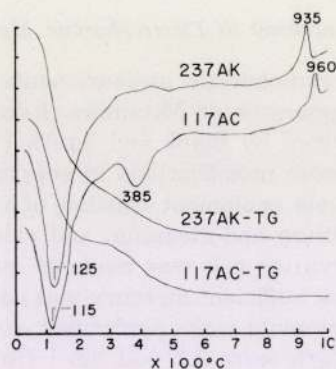


FIG. 2. Simultaneous differential thermal analysis and thermogravimetric curves of separated clays. One division of ordinate is 2 mg for TG and 5  $\mu\text{V}$  for DTA. Atmosphere; air. Heating rate;  $10^\circ\text{C}/\text{min}$ . Thermocouples; PtRh 13%. Pan; PtRh. Sample weight; 34.27 mg (237AK) and 32.15 mg (117AC).

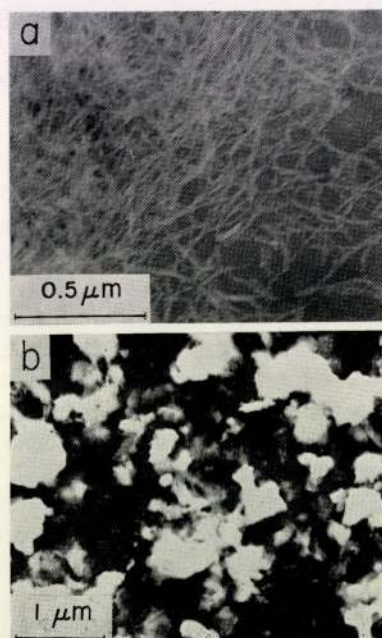


FIG. 4. Electron micrographs of 117AC (a) and 237AK (b).













