

## Halloysite intercalated by potassium acetate.

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### Rok wydania

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### Czasopismo

Physicochemical Problems of  
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### Numer woluminu

56

### Strony

235-243

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### Kolekcja

Naukowa

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Artykuł

### Streszczenie

Halloysite was intercalated by the mechanochemical technique from dry components. The process efficiency of 50% was achieved. The obtained intercalate differed from the material acquired using an aqueous solution of potassium acetate. The material was analyzed employing electron microscopy, thermogravimetry, X-ray powder diffraction, and dielectric spectroscopy. It was found that the molecules and/or ions present in the interlayer spaces retain some possibility of movement. This property is promising for potential application as low expensive absorbers of electromagnetic radiation.

### Słowa kluczowe

clay minerals, electron microscopy, XRD, TGA, dielectric spectroscopy

### Licencja otwartego dostępu

### OTHER

Pełny tekst licencji:

### Adres publiczny

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