

عنوان مقاله:

Preparation and Characterization of SiOY-CaClY Nanocomposite by the Sol-Gel Method

محل انتشار:

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خلاصه مقاله:

The SiOY-CaClY hybrid porous materials were prepared by the sol-gel method. This process was conducted by the hydrolysis and condensation of Tetraethyl orthosilicate (TEOS) by replacement of ethanol from alcogel and drying at the ambient temperature to obtain xerogel structure. The alcogel samples were synthesized from TEOS, EtOH, HYO, HCI, NHFOH and CaClY, while the total molar ratio of the compounds was 1: 9: F: A x 10-F, A x 10-

کلمات کلیدی:

Synthesis and Characterization, Sol Gel Process, Nanocomposite

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