KHẢO SÁT QUÁ TRÌNH ĐIỀU CHẾ SÉT HỮU CƠ TỪ BENTONIT (PROLABO) VÀ ĐIMETYLĐIOCTAĐECYLAMMONI CLORUA

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TÓM TẮT:

Influence of reactive conditions in the preparation of organoclay from bentonite-prolabo(France) and dimethyldioctadecylammonium chloride (DMDOA) on the distance of the organoclay layers (d001) and the level of intrusion into DMDOA bentonite has been studied. Experimental results show that the preparation conditions suitable organic clay from bentonite (France) and DMDOA: volume ratio DMDOA /bentonite: 1.0, temperature 60oC, reactive time 5 h, the pH of the solution: 9.0; temperature and dry time: 80oC in 24 h. In this condition, the organoclay products obtained with d001 = 39.031Å and organic content of the organoclay is 35.11%. The synthesized samples were characterized using TG- DTA, XRD.