

ĐIỀU CHẾ SÉT HỮU CƠ TỪ BENTONIT (PROLABO – PHÁP VÀ BÌNH THUẬN – VIỆT NAM)

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TÓM TẮT:

Organoclay synthesis from Prolabo - French bentonite and Binh Thuan - Vietnam bentonite in water solvent is studied by the methods as IR, XRD, TGA, SEM. The results are not significantly different when survey in the same conditions: reaction temperature of 600C, the volume ratio DMDOA / bentonite = 1:1, reaction time 4 hours and pH = 9. In these conditions, the d001 and organic content in the product respective is 39.031Å, 35.11% (with French organoclay) and 41.300 Å, 35.57% (with Vietnam organoclay). In conclusion, bentonite Binh Thuan - Vietnam can be used to replace the French commercial bentonite.