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To satisfy the requirement on the separation of solid and liquid in waste drilling mud, prepare a high effective floccu-lant for high density waste drilling mud used starch, 2-Trimethylammonium ethyl methacrylate chloride (DMC) and acrylamide (AM). The result showed that when the ratio of starch, DMC and AM was 2:1:3, the weight of initiator (po-tassium persulfate) was 0.2% of the AM, reaction temperature was 65°C and reaction time was 5h, the performance of product was the best. The water content in filter cake was 27.6% after the waste drilling mud disposed by the optimization flocculant. The flocculent effect of optimization flocculant was superior to that of other flocculant in market.					Recommend to Peers	
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