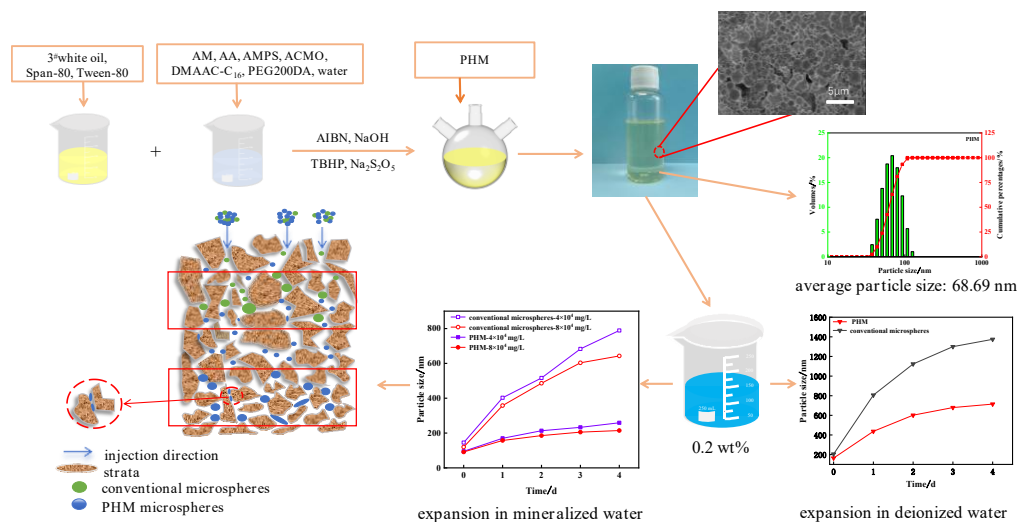


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PHM microsphere initial particle size of 68.69nm, in 80°C (deionized water) in the expansion of 4 days, the expansion times for 4.34 times; 25°C (mineralized water) in the expansion of 4 days, the expansion times for 2.34 times, the blocking rate is greater than 85%.

**Keywords:** Nanomicrospheres; Slow expansion; Temperature resistance; Salt resistance; Plugging