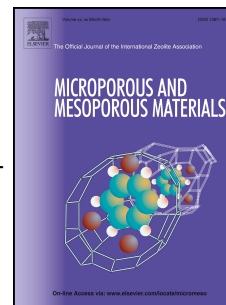


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Adsorption characteristics of cesium onto mesoporous geopolymers containing nano-crystalline zeolites

N.K. Lee, Hammad R. Khalid, H.K. Lee



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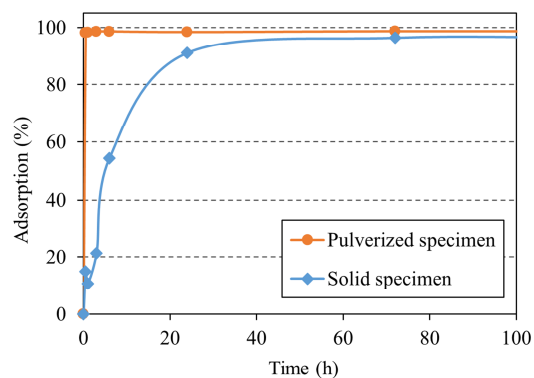
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Comparison of solid and pulverized mesoporous geopolymers

Comparison of maximum adsorption capacity for Cs⁺ onto different adsorbents

Adsorbent (size)	q_m (mg/g)	References
Ceiling tiles (5 × 5 × 1.5 cm)	0.2128	[3]
Natural zeolite (pulverized)	0.0091	[67]
Nickel hexacyanoferrate–walnut shell (1 – 2.36 mm)	4.94	[43]
AW500 chabazite-pellet (>1 mm)	≈6	[12]
Mesoporous geopolymers	15.24	This study
Nanocrystalline mordenite (pulverized)	37.3	[5]

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