

ZEOLITES WITH HIERARCHICAL POROSITY

ABSTRACT

5 The present invention concerns zeolites with hierarchical porosity having a molar ratio Si/Al of between 1 and 1.4, inclusive, of which the average diameter, as a number, is between 0.1 μm and 20 μm , having controlled and optimised crystallinity, and having mesoporosity such that the mesoporous outer surface area is between 40 $\text{m}^2 \cdot \text{g}^{-1}$ and 400 $\text{m}^2 \cdot \text{g}^{-1}$. The present invention also concerns the method for preparing said zeolites
10 with hierarchical porosity.

No suitable figure