

shape selectivity

in catalysis

Possibly observed in catalysts with very small pores. The selectivity is largely determined by the bulk or size of one or more reactants.

Source:

PAC, 1976, 46, 71 (*Manual of Symbols and Terminology for Physicochemical Quantities and Units - Appendix II. Definitions, Terminology and Symbols in Colloid and Surface Chemistry. Part II: Heterogeneous Catalysis*) on page 81