

space velocity

in catalysis

Defined as v_m , v_v , and v_a where the v_i s represent the rate of feed of the given reactant fed per unit mass, volume or surface area of the catalyst.

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 82