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specific surface area

in surface chemistry

When the area of the interface between two phases is proportional to the mass of one of the phases (e.g. for a solid adsorbent, for an emulsion or for an aerosol), the specific surface area (a, s or preferably a_s) is defined as the surface area divided by the mass of the relevant phase.

Source:

PAC, 1972, *31*, 577 *(Manual of Symbols and Terminology for Physicochemical Quantities and Units, Appendix II: Definitions, Terminology and Symbols in Colloid and Surface Chemistry)* on page 583

Green Book, 2nd ed., p. 63

