

## homolytic dissociative adsorption

Relates in the usual sense to the formal nature of the cleavage of a single bond. If the electron pair in the bond of the adsorptive A :B is divided in the course of its dissociative adsorption, the adsorption is homolytic dissociative adsorption.

**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 76