Technical Data Book: Chapter 15—Adsorption Equilibria

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SCOPE

Technical Report TDB-15 provides methods and sources of data for estimating adsorption of water, light gases and hydrocarbons on solid sorbents commonly found in refinery applications. Algorithms and figures are presented for estimation of the ultimate adsorption as well as dynamics of multicomponent adsorption. Estimate of the reliability, accuracy and range of application for each method is presented.

Any references to other chapters within this document refer to the corresponding Technical Data Book Chapter which is published as API Technical Report TDB-x, where x is the chapter number.