

characteristic potential

An *applied potential* that is characteristic of a charge-transfer process and the experimental conditions (such as the composition of the solvent and *supporting electrolyte* and the temperature) under which it is investigated, and whose nature depends on the technique that is employed. Some typical characteristic potentials are the half-wave potential in *polarography*, the quarter-transition-time potential in chronopotentiometry, the *peak potential* and the *half-peak potential* in linear-sweep voltammetry, and the *summit potential* in ac polarography.

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