voltammetric constant

In linear-sweep voltammetry and related techniques, the empirical quantity defined by the equation

$$\frac{i_p}{A \sqrt{v} c_B} \quad \left(= \frac{j_p}{\sqrt{v} c_B}\right)$$

where $i_p$ is the peak current, $A$ is the area of the electrode-solution interface, $v$ is the rate of change of applied potential, and $c_B$ is the bulk concentration of the substance $B$ whose reduction or oxidation is responsible for the peak in question.

Source:
PAC, 1985, 57, 1491 (Recommended terms, symbols, and definitions for electroanalytical chemistry (Recommendations 1985)) on page 1505