

ohm

SI derived unit of electrical resistance, $\Omega = \text{V A}^{-1} = \text{m}^2 \text{kg s}^{-3} \text{A}^{-2}$.

Source:

Green Book, 2nd ed., p. 72

PAC, 1996, 68, 957 (*Glossary of terms in quantities and units in Clinical Chemistry (IUPAC-IFCC Recommendations 1996)*) on page 985