

For $T < E_c$, the
 resistivity, ρ , and
 entropy density, s , are

$$\rho = \frac{h}{e^2} \left[c_1 + c_2 \left(\frac{T}{E_c} \right)^2 \right]$$

$$s \sim s_0 \left(\frac{T}{E_c} \right)$$