The electrical conductivity of molten (Ag, Cd\(_{1/2}\))Br has been determined as a function of temperature in the whole range of compositions. The resulting activation energy values and the conductivity isotherm at 850 K are compared with those of the system (Ag, Cd\(_{1/2}\))Cl.

**Key words:** AgBr; CdBr\(_2\); Molten Salts; Electrical Conductivity.