

The recent properties of tetraphenyl borates have been found significantly new in nature. The type of discovery had led to the emergence of a few different types of materials capable of replacing nitrates but also new concept to explain their high conductivity. In fact electrical conductivity and other properties such as thermooxidation, photoconductance, luminescence etc are in close connection with their physical and chemical structure. The work on organic conducting polymers is carried out there by three applications [1] A N Bakir Md NI Al-Sabeh-Badani [2] studied the Optical and electrical conductivity investigations of P-(*N*-acetylbenzidine)-tetraphenyl complex systems. The DC resistivity of the 4-hydroxyacetanilide-tetraphenylborate complex system was measured at the temperature range of 110–430 K. The electrical conductivity of tetraphenyl increases with the increase in temperature. These tetraphenyl can be termed as semiconductors [3]. The resistivity of 4-hydroxyacetanilide-tetraphenyl complex system was measured at temperature range 310–K. The electrical conductivity of tetraphenyl increases with the increase in temperature [4]. The electrical conductivity of tetraphenyl increases with the increase in temperature [5]. The electrical conductivity of tetraphenyl increases with the increase in temperature [6]. Examination of these data reveals that electrical conductivity of tetraphenyl increases