



## 公司簡述 / Brief Description of Company

金格益公司本著關懷回饋社會的一份心打造一份事業，秉持著“誠信用心為經，創新技術為緯；貫徹滿意品質，締造永續服務”為一貫的經營理念。在國慶集團的扶持成立於2009年08月15日，在滿足科技的時代，開發創新的世紀中，原料將引領著電子產業朝向新時代的先鋒。

Gingeyi Company tries to create an enterprise dedicated to giving back to our society. We adhere to a consistent business principle of sincerity and hardworking efforts to produce innovative technology, ensure satisfactory quality and provide sustainable service. With the support of GUO CHING Group, we were founded on August 15, 2009. In this age of advancing science and technology and innovation, materials will lead the electronic industry to the frontiers of a new era.



## 銅的概述 / General Description of Copper

“銅”元素代號：Cu，比重(g/cm<sup>3</sup>)=8.89-8.95，熔點：1083℃，電阻率：0.0167Ω mm<sup>2</sup>/m，線性膨脹數：17.6×10<sup>-6</sup>/℃，導熱率0-100℃ 399W/mk，軟態狀：延展率280MPa，≥40%在自然界中存在，多以化合物即銅礦物狀態存在著，銅礦物與其他礦物聚合成銅礦石。開採後提煉含銅最高的銅精礦再經由加工工藝成為銅原料。

“Copper”, chemical element symbol: Cu, specific gravity (g/cm<sup>3</sup>) = 8.89-8.95, melting point: 1083°C, resistivity: 0.0167Ω mm<sup>2</sup>/m, linear expansion coefficient: 17.6×10<sup>-6</sup>/°C, thermal conductivity rate 0-100 °C, 399W/mk, flexible status: extensibility rate 280MPa, ≥40%. Copper exists in nature in the form of copper mines. Copper minerals polymerize with other minerals to become copper ores, which are exploited and refined to become refined copper ore with the highest content of copper, then further refined to become copper material.

