

石墨烯铜



PHYSICAL PERFORMANCE TABLE

牌号

Brand

石墨烯铜

应用范围

Range Of Application

高速线缆	非常适合
驱动电机电磁扁线	非常适合
键合线	适合
音频线	适合

材料特性

Material Characteristics

低温度电阻系数

高导电率

高导热率

耐高压、低漏电

低膨胀系数

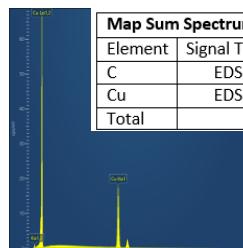
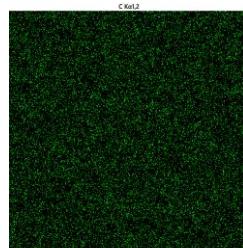
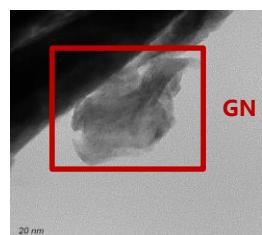
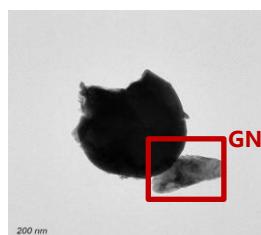
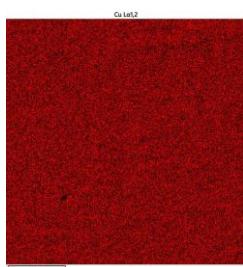
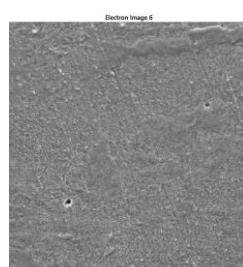
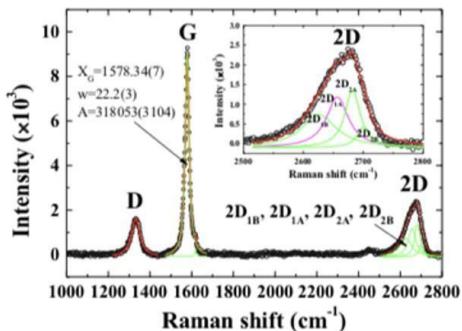
机械性能

Mechanical Properties

材质	状态	抗拉强度/ MPa	导电率/ IACS%	导热率/ W/m·K
OFC (无氧铜)	O60	220	100~101	390
石墨烯铜	O60	240	101~102	430

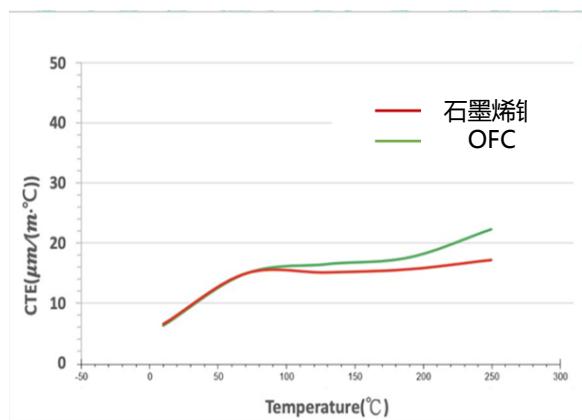
石墨烯铜材料表征

Material Characterization of HCC

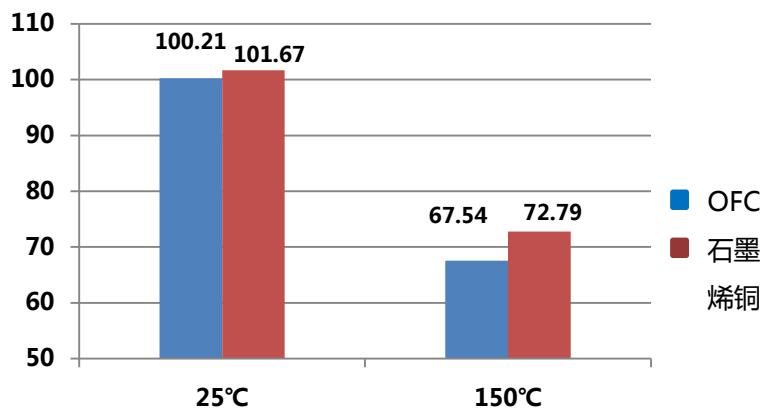


石墨烯铜 vs OFC

Performance Comparison Between HCC and OFC



热膨胀系数对比图



高温导电率对比图