

To completely embed electronic devices in textiles it requires advances in materials and manufacturing processes that combine flexibility, electrical properties of semiconductors and metals with solution and low temperature processing [1].

Few Layer Graphene (FLG) solution is produced by graphite exfoliation through blend shearing.

Dispersed graphene flakes

Graphene offers these unique characteristics. A conductive textile coated with graphene exhibited conductivity of $8 \cdot 10^{-3} \Omega/cm$ and sheet resistance lower than 1 Ω /sq, while maintaining its mechanical properties [2,3].





- The moisture sensitivity obtained presents two order of magnitude higher with a combined temperature sensitivity is
- work range, we present advantages such as: it is directly embedded in the textile, so the flexibility is maintained, the

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