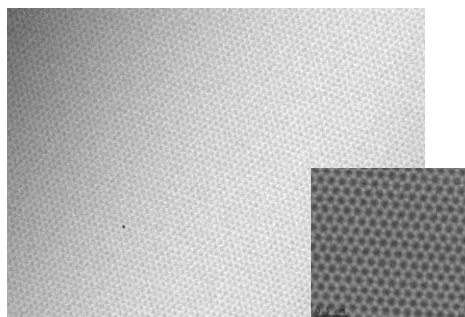


Graphene on Cu foil

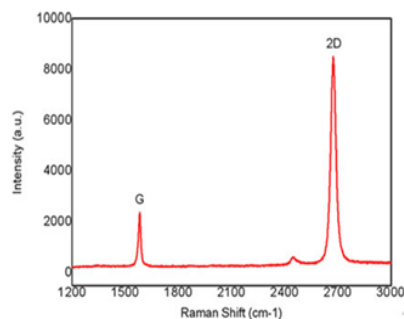


Product Size	Up to 500x600mm ²
Film Morphology	Continuous Monolayer (>95%)
Sheet Resistance	Av. < 250~400 Ω/sq (after transfer)
Mobility	>3500cm ² /Vs
Transmittance	>97%
Substrate	Cu foil (35μm thick)
Domain Size	10-20 μm

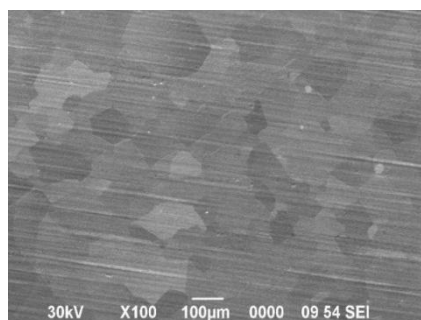
High-Resolution TEM Images



Raman Spectrum (after transfer)



SEM Image of Graphene on Cu



Reference

- (1) S. Bae*, H. Kim* *et al.* Roll-to-roll production of 30 inch graphene films for transparent electrodes *Nature Nanotech.* **5**, 574 (2010).
- (2) Y. Lee *et al.* Wafer-Scale Synthesis and Transfer of Graphene Films. *Nano Lett.* **10**, 490-493 (2010).
- (3) H.-A.-S. Shin *et al.* Graphene-induced Unusual Microstructural Evolution in Ag Plated Cu Foils. *Nanoscale* **6**, 7209-7214 (2014).
- (4) Hae-A-Seul Shin*, Jaychul Ryu* *et al.* Highly Uniform Growth of Monolayer Graphene by Chemical Vapor Deposition on Cu-Ag Alloy Catalysts. *Phys. Chem. Chem. Phys.* **16**, 3087-3094 (2014).