



KLG-1010-18CU+PMMA Product Datasheet

KLG-1010-18CU is a 4 pack of 10mmx10mm Single Layer CVD graphene films, on 18-micron thick copper foil, with a PMMA coating on top.

Graphene Film

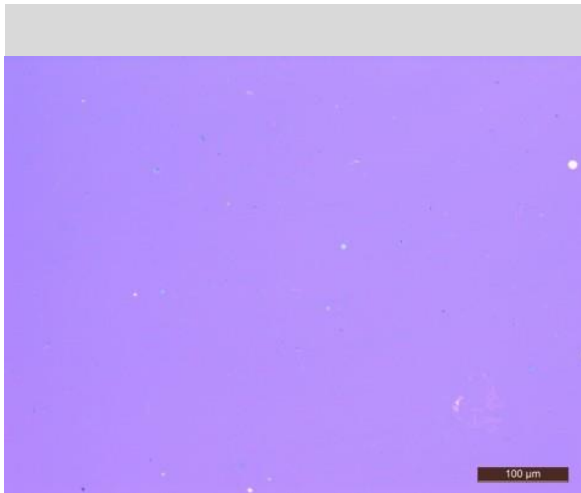
Growth Method	CVD
Transfer Method	Clean transfer
Quality Control	Raman and Optical Microscopy
Appearance (Color)	Transparent
Transparency	>97%
Appearance (Form)	Film
Coverage	>95%
Number of graphene layers	1
Thickness (theoretical)	0.345 nm
Grain size	Up to 10 μ m

Substrate

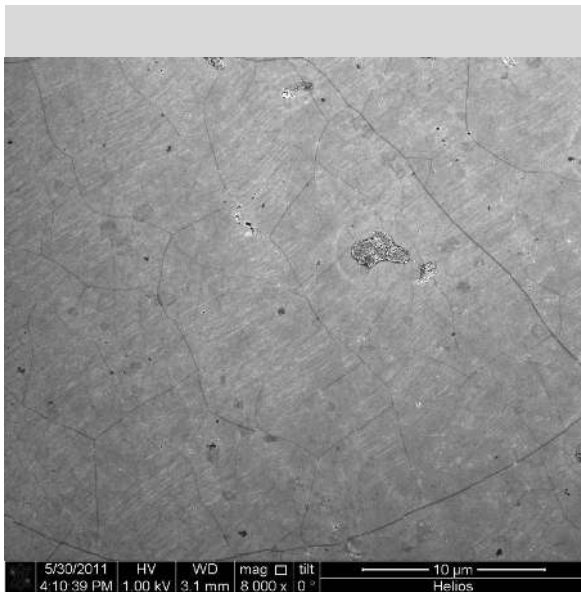
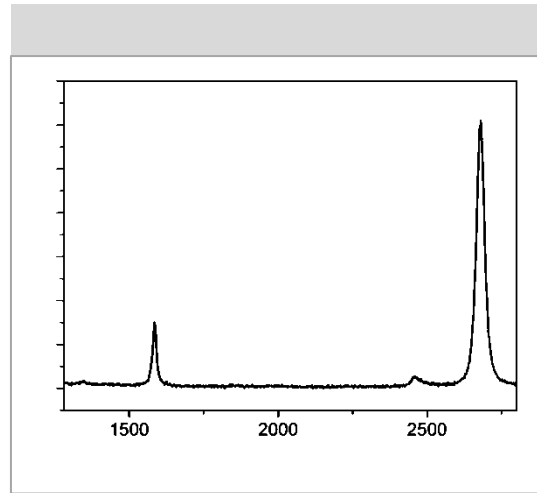
Cu foil

Thickness	18 μ m
Note:	The copper foil has been pretreated for easier bottom layer removal

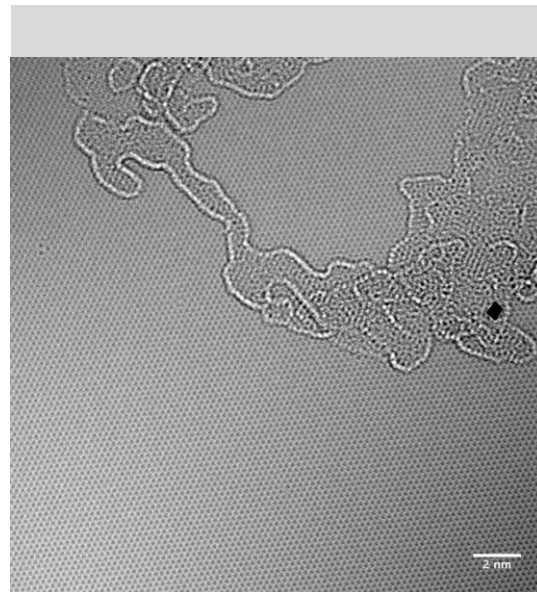
Optical Microscopy



Raman Spectrum



SEM image



HRTEM image