



KLG-2UM-3MMTEMAUGRID Suspended Graphene Product Datasheet

KLG-2UM-3MMTEMAUGRID is a 4 pack of monolayer graphene film suspended over 2um cavities, with 4um spacing between cavities. The CVD graphene was grown on copper foil and transferred over a 3mm Quantifoil TEM grid to create these suspensions.

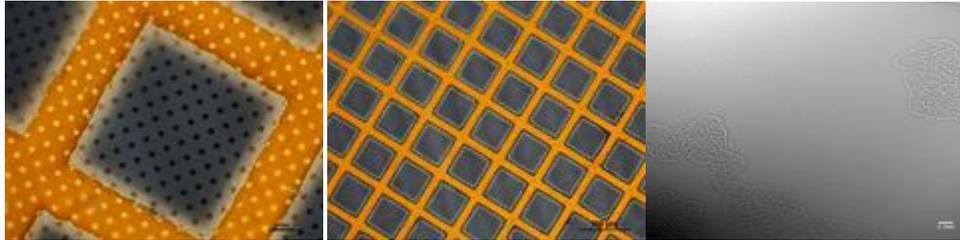
Graphene Film

Growth Method	CVD synthesis
Transfer Method	Clean transfer method
Quality Control	Raman and Optical Microscopy
Appearance (Color)	Transparent
Transparency	>97%
Appearance (Form)	Film
Coverage	>95%
Number of graphene layers	1
Theoretical thickness	0.345 nm
Sheet Resistance Quartz (Van der Pauw)	370±50 Ohms/sq. (1cm x 1cm)
Grain size	Up to 10 µm

Substrate

3mm Quantifoil Grid, 2um holes, 4um between holes

SEM image



HRTEM image

