

Graphene Oxide (GO) Film

Properties

Form	Film
Film diameter	4 cm
Color	Yellow-brown
Odor	Odorless
Dispersibility	Polar solvents
Thickness	12–15 μm
Conductivity	Non conductive

Millipore filter specifications

Pore Size	0.025 μm
Thickness	105 μm
Porosity	70%
Material	Biologically inert mixtures of cellulose acetate and cellulose nitrate

Elemental Analysis*

Carbon	49-56%
Hydrogen	0-1%
Nitrogen	0-1%
Sulfur	0-2%
Oxygen	41-50%

* Sample preparation: 2g of 4wt% GO in water were dried under vacuum at 60°C overnight.

