



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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KLG-RGO-1G Product Datasheet

KLG-RGO-1G is 1 gram of reduced graphene oxide powder, packaged in a glass bottle. Graphene oxide was reduced to create the reduced graphene oxide.

Reduced Graphene Oxide (RGO) Properties

Form	Powder
Reduction Method	Chemical Reduction
Color of Powder	Black
Odor	None
Dispensability	<0.1gm/mL in NMP, DMSO and DMF
Electrical Conductivity	666.7 S/m on 20nm thick film
BET Surface Area	422.69 - 499.85 m ² /g
Density	1.91 g/cm ³
Solubility	Insoluble
Sheet Dimension	Variable
Humidity (Karl Fisher TGA)	3.7 - 4.2%

Elemental Analysis

Carbon	77-87%
Hydrogen	0-1%
Nitrogen	0-1%
Sulfur	0
Oxygen	13-22%

