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Apply-GO-289

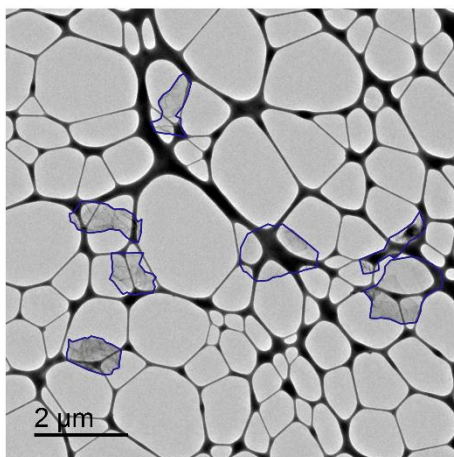
Apply-GO-289 is based on graphene oxide selectively functionalized with carboxylic and ester (lactones) groups. Specifically recommended for drugs carrier applications, membranes for water treatments, micro and nanofiltration, desalinization, etc.

The presence of selected oxygenated (carboxylated) groups on the monolayered graphene oxide surface of Apply-GO-289 allows further functionalization process with amine, silane groups, etc. increasing the compatibility and anchoring capacity with other materials or biomaterials (DNA, proteins, drugs, etc.) and providing additional properties.

Properties

Form	Powder
Color	Black
Odor	Odorless
Platelet size	0.5-2 microns
Aparent density	0.64 g/cm ³
Concentration	0.1-4 mg/ml
Dispersability	Water and polar solvents
C/O atomic ratio (XPS)	3
Electrical conductivity	Insulating

TEM



XPS