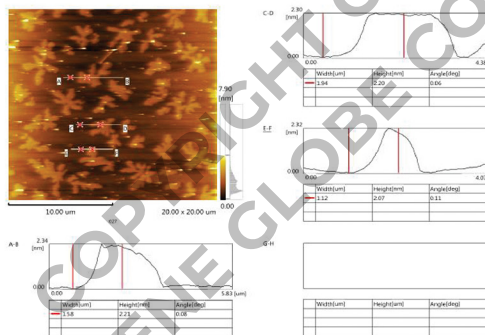


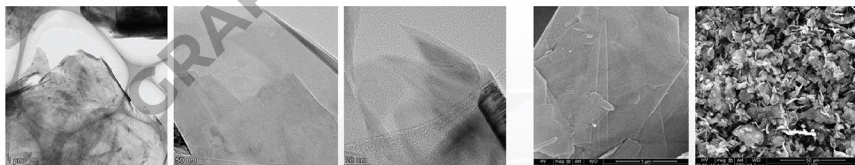
GG4001

Small Particle Thin Layer Graphene Nanosheets

Product name	Small Particle Thin Layer Graphene Nanosheets	
Carbon content	99 wt% (EDS)	
Lateral size	1-10 μm (HRTEM)	
Thickness	2-3 nm	(AFM)
Conductivity	500-600 S/cm	
Moisture content	<2 wt%	
Ash content	<1 wt%	
Grain size	$\sim 9 \mu\text{m}$	
Tap density	0.04-0.06 g/cm ³	
Apparent density	0.03-0.05 g/cm ³	
Appearance	Black Gray Powder	



AFM graph of Small particle thin layer graphene nanosheets



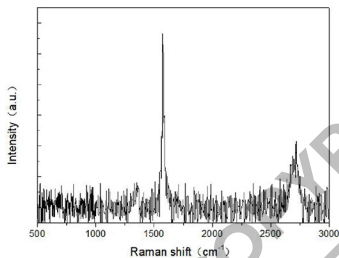
TEM images of Small particle thin layer graphene nanosheets

SEM images of Small particle thin layer graphene nanosheets

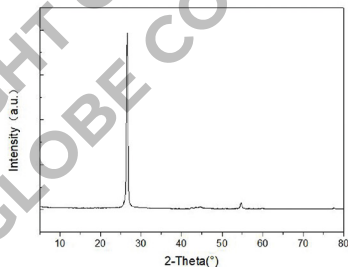
Application

New energy battery, conductive composites, anti-static function, heat conduction and heat dissipation, mechanical strength enhancement, coating modifying, antenna material, aeronautical and space technologies.

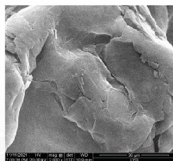
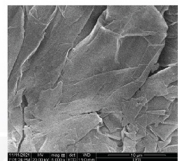
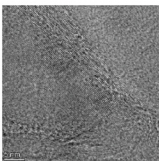
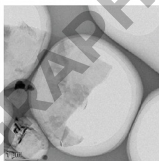
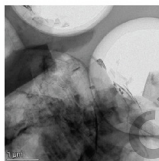
Product Name	Industrial Graphene Nanoplatelets	
Carbon content	>98% at	% (EDS)
Ash content	<1	Wt%
Lateral size	1-10 μm	HRTEM
Thickness	3-9 nm	HRTEM
Conductivity	800-1100 S/cm	
Moisture content	<2 wt%	
Grain size	~160.4 μm	
Tap density	0.04-0.07 g/cm ³	
Apparent density	0.06-0.10 g/cm ³	
Appearance	Black Gray Powder	



Raman spectrum of
industrial graphene nanoplatelets



XRD pattern of
industrial graphene nanoplatelets



TEM image of industrial graphene nanoplatelets

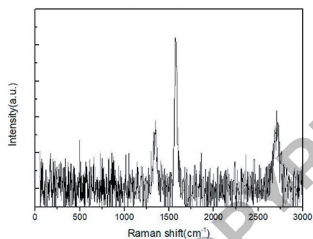
SEM image of industrial graphene nanoplatelets

Application

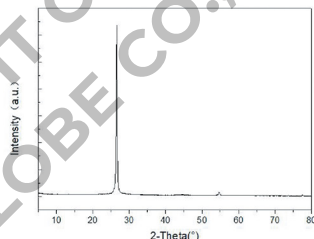
New energy battery, conductive composites, anti-static function, heat conduction and heat dissipation, mechanical strength enhancement, coating modifying, antenna material, aeronautical and space technologies.

Industrial Thin Graphene Nanoplatelets

Product Name	Industrial Thin Graphene Nanoplatelets
Carbon content	>99% at
Ash content	<1 Wt%
Lateral size	1-5 μm
Thickness	1-6 nm
Conductivity	800-1100 S/cm
Moisture content	<2 wt%
Grain size	$\sim 26.03 \mu\text{m}$
Tap density	0.04-0.07 g/cm ³
Apparent density	0.06-0.10 g/cm ³
Appearance	Black Gray Powder



Raman spectrum of
industrial thin layers graphene nanoplatelets



XRD pattern of
industrial thin layers graphene nanoplatelets



SEM image of industrial thin layers graphene nanoplatelets

TEM image of industrial thin layers
graphene nanoplatelets

Application

New energy battery, conductive composites, anti-static function, heat conduction and heat dissipation, mechanical strength enhancement, coating modifying, antenna material, aeronautical and space technologies .