

## Technical data

Categories No: TNIRGO

Name: Industrial Reduced Graphene Oxide

Purity: >97wt%

layers: <10

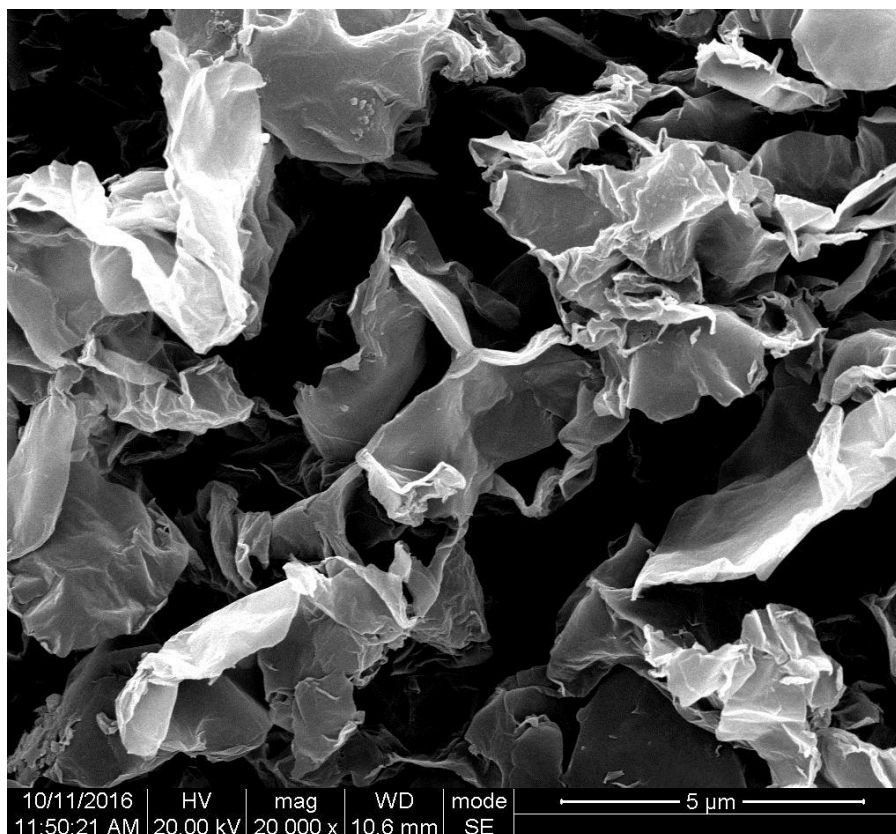
Scale: <6  $\mu\text{m}$

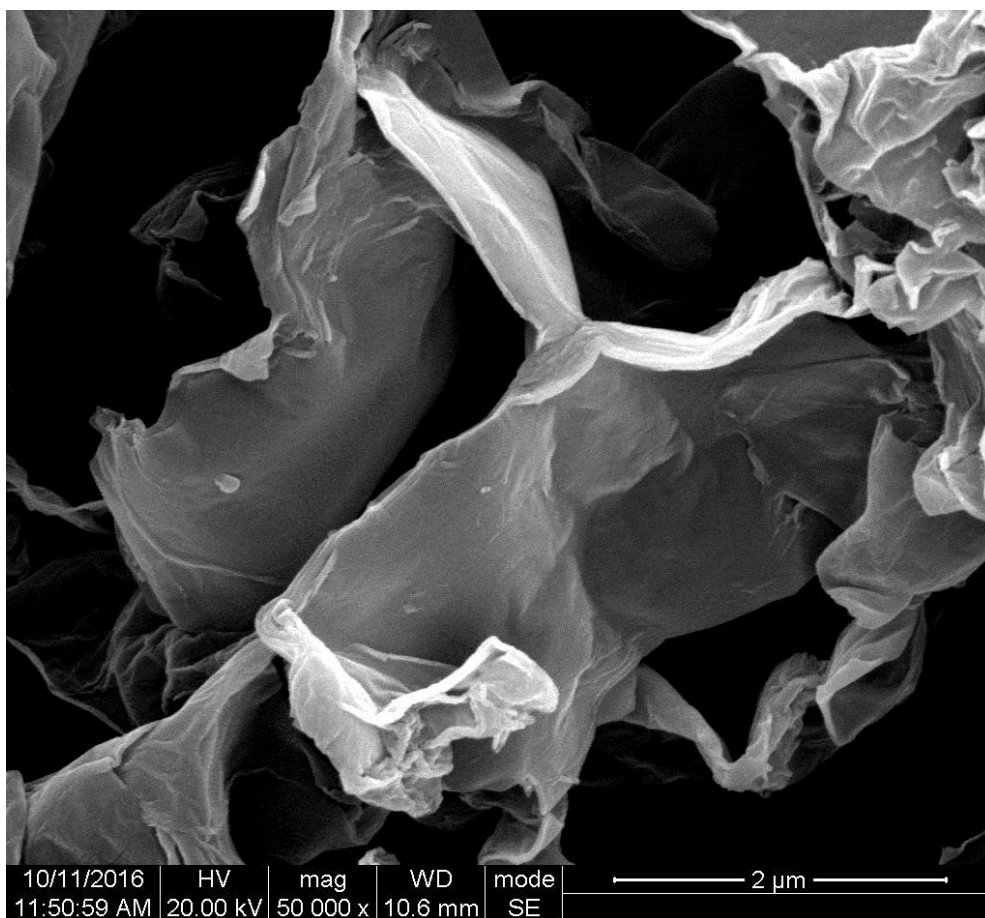
Specific Surface Area: 80-120m<sup>2</sup>/g

Electrical conductivity: >100S/m

Metal Content:<500ppm

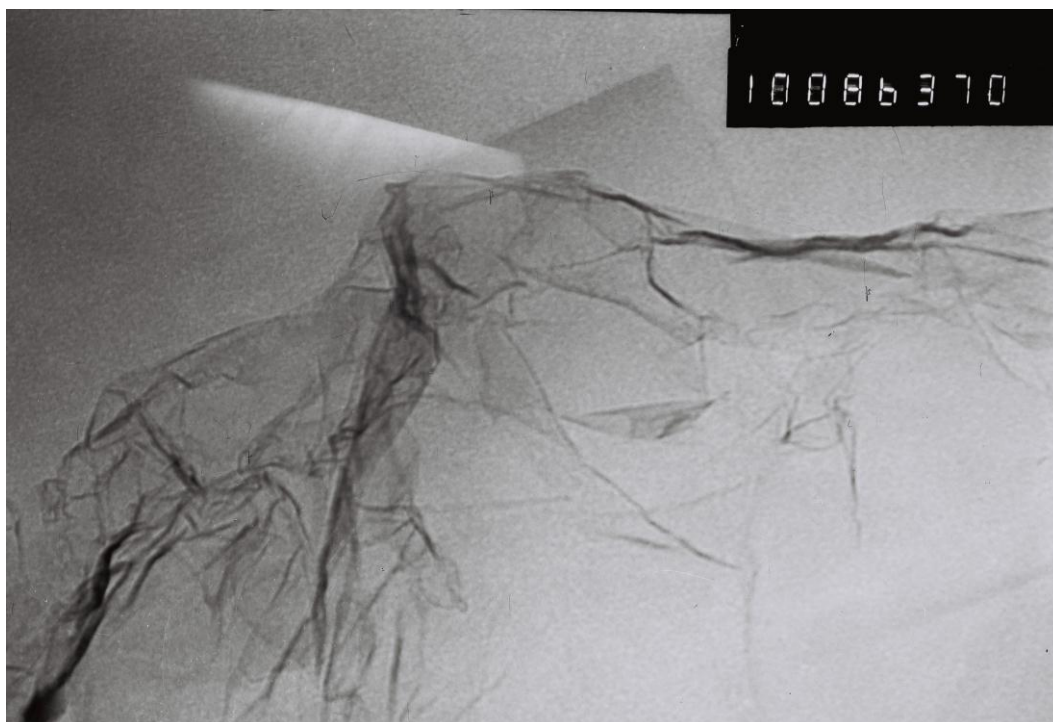
## SEM of Industrial Reduced Graphene Oxide





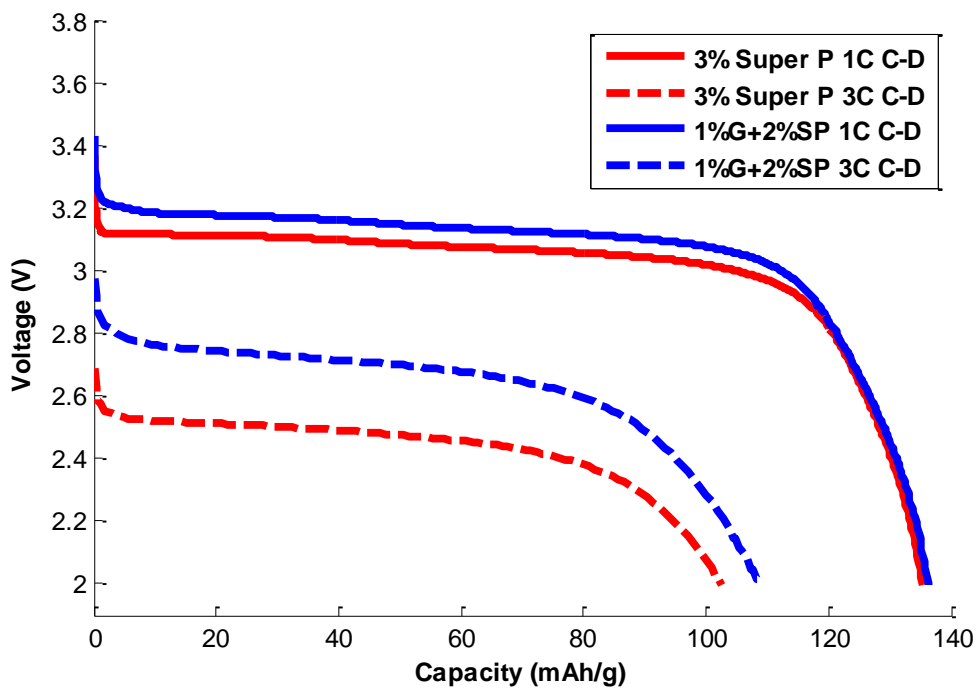
### TEM of Industrial Reduced Graphene Oxide



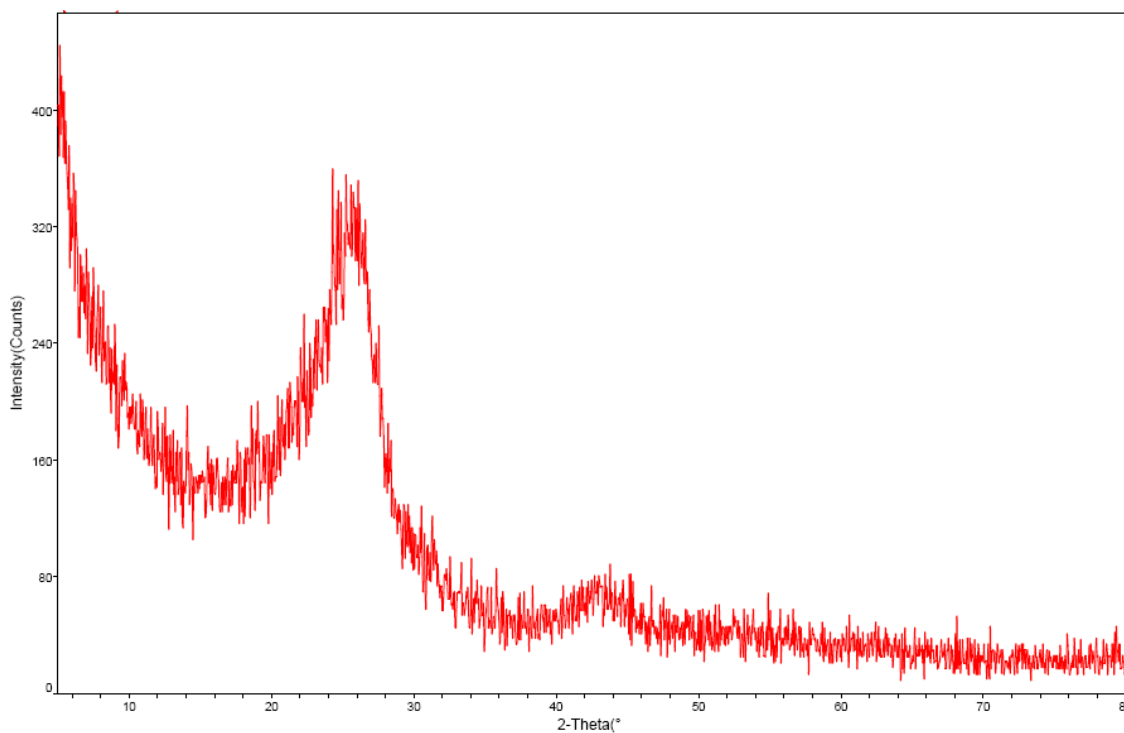


### Lithium iron phosphate system full battery performance test

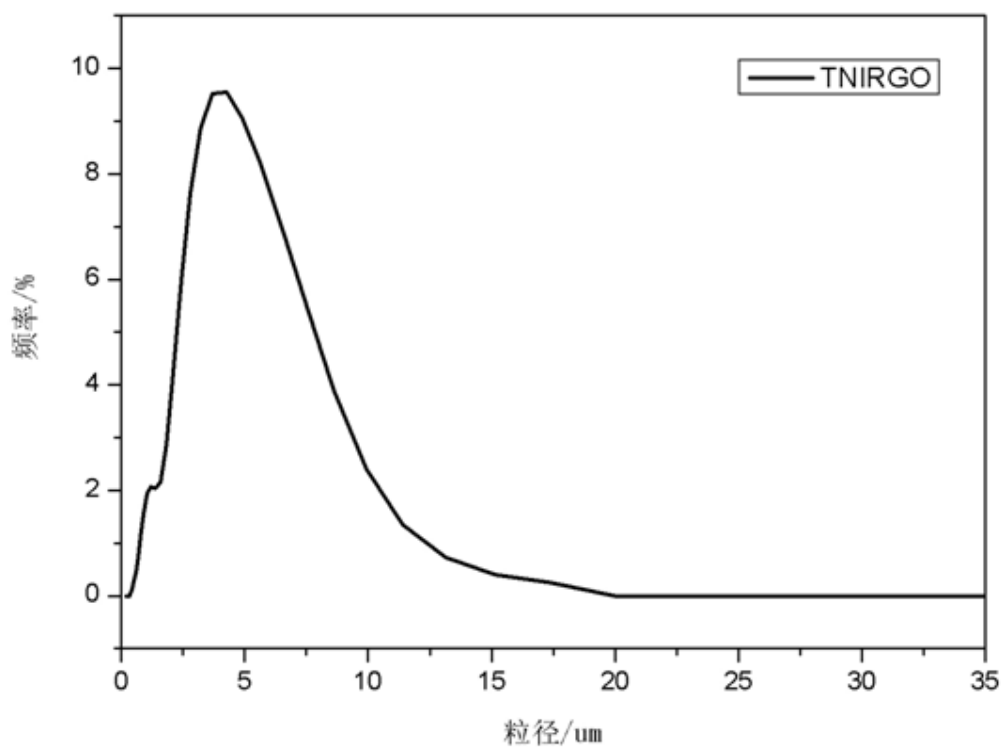
**Graphene (G) (1wt%) improves rate capability of battery**



### XRD of Industrial Reduced Graphene Oxide



### Particle Size Distribution



**Median size D(50)=4.204μm**