

SZ-001-1 单层氧化石墨烯片

1 技术参数 (Specification)

产品 Product	单层氧化石墨烯片 Graphene oxide sheet
牌号 ID	SZ-001-1
片径 Diameter	0.5-5 μ m
厚度 Thickness	0.8-1.2nm
氧碳摩尔比 O/C mole ratio	0.4-0.6
单层率 Single layer ratio	99%
干燥方式 Drying method	真空干燥 Vacuum drying
备注 Remarks	Hummers 法制备 Hummers method

2 表征测试 (Characterizations)

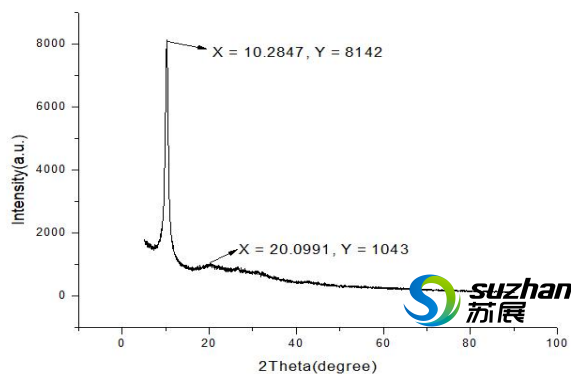


图 1 单层氧化石墨烯的 XRD 图

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Fig.1 XRD pattern of graphene oxide sheet

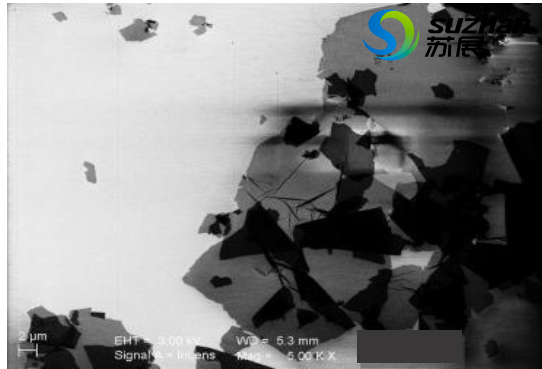


图 2 单层氧化石墨的 TEM 图

Fig.2 TEM of graphene oxide sheet

3 应用领域(Application Fields)

吸附、分离、催化、固相萃取、检测、传感器等。

Adsorption, Separation, Catalysis, Solid Phase Extraction, Detection and Sensors etc

4 储存条件(Storage Conditions)

干燥避光保存，储存温度不超过 20℃，固体分散时温度需控制在 20℃下，开封前最长保存期限 6 个月。氧化石墨烯乙醇溶液的颜色会随着时间的延长而逐渐加深，建议尽快用完，现制现用。

Sealed, avoid light, and keep under 20℃, and the temperature should be controlled under 20℃ when dispersion sheet and powder. Expiry date: Six months before unsealing. The color of graphene oxide ethanol solution will gradually deepen with the extension of time. It is recommended to consume it as soon as possible and prepare it once needed.

5 订购须知 (Ordering Information)

如果对氧化石墨烯的颜色、浓度、片径等有特殊要求，可以与销售人员联系。

If you have special requirements on color, concentration and diameter of graphene oxide, please contact our sellers.

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