

ARTICLE

Electronic Supplementary Information (ESI) for RSC Adv.

Solvent-Assisted Amine Modification of Graphite Oxide for CO₂ Adsorption

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Table S1. Textural properties of GO, GA-E, and GA-W.

Sample	Textural Properties		
	S _{BET} ^{a)} (m ² g ⁻¹)	V _T ^{b)} (cm ³ g ⁻¹)	D _p ^{c)} (cm ³ g ⁻¹)
GO	10.1	0.018	9.9
GA-E	10.2	0.026	15.7
GA-W	9.6	0.031	19.4

^{a)} Surface area measured by Brunauer-Emmett-Teller (BET) equation. ^{b)} Total pore volume at $p/p_0 \sim 0.98$. ^{c)} BJH desorption average pore diameter ($4 V/A$).