

Table 1

Surface resistivity and cross-section impedance measurements of jute, jute with 1 GO layer, and jute with several layers of rGO.

Specimens	R_s (Ω/sq)	$ Z $ a $f = 0.01$ Hz ($\Omega \text{ cm}^2$)
Jute	> 2000	$5,6 \cdot 10^9$
Jute-GO1	> 2000	$4,4 \cdot 10^8$
Jute-RGO1	1357	522
Jute-RGO2	605	209
Jute-RGO3	667	135
Jute-RGO4	621	136