Supplementary Materials

Electrically-Conductive Polyketone Nanocomposites Based on Reduced Graphene Oxide

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Figure S1. DSC first cycle after thermal history erases of PK30Gly-Gly29 and its respective composite with lrGO and hrGO. The first curves are not shown since they are carried out to remove the thermal history of the polymer and composites.
Figure S2. TGA analysis of (a) lrrGO and (b) hrrGO.
Figure S3. STEM micrograph of (a) IrGO and (b) hrGO.
Figure S4. Raman spectrum of IrGO.

Figure S5. Raman spectrum of hrGO.
Figure S6. SEM picture of the PK30-Gly-Gly nanocomposite containing 7 wt % lrGO.

Figure S7. SEM picture of the PK30-Gly-Gly nanocomposite containing 6 wt % of hrGO.
Figure S8. Surface resistivity of the nanocomposite composed by PK30-Gly-Gly and lrGO at different temperatures and filler concentration. (A) 4 wt %. (B) 5 wt %. Sample thickness of 1.05 mm.