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**Improvement in the thermal, mechanical and rheological properties of polyAmide-11(PA11) nanobiocomposite films as a result of the influence of the composition and type of nanofiller.**

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**Figure ES1**: SEM images of (a) PA11/Mag-CTA1%, (b) PA11/Mag-CTA3%, (c) PA11/Mag-CTA5%, and (d) PA11/Mag-CTA7%, nanocomposites.



**Figure ES2:** Absorption rates for PA11 and PA11/Mag-CTA nanobiocomposites.