Electronic Supplementary Material (ESI) for RSC Advances.

Morphology and thermal properties of novel clay-based Poly (ethylene 2,5-furandicarboxylate) (PEF) nanocomposites

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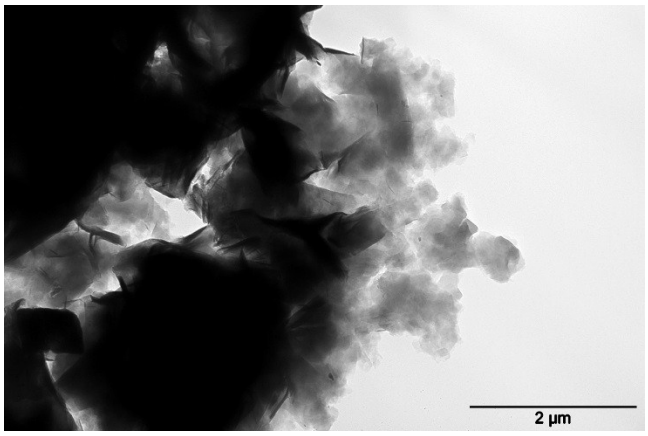

Figure S1. TEM images of OMMT clays dispersed in HFIP by magnetic stirring.

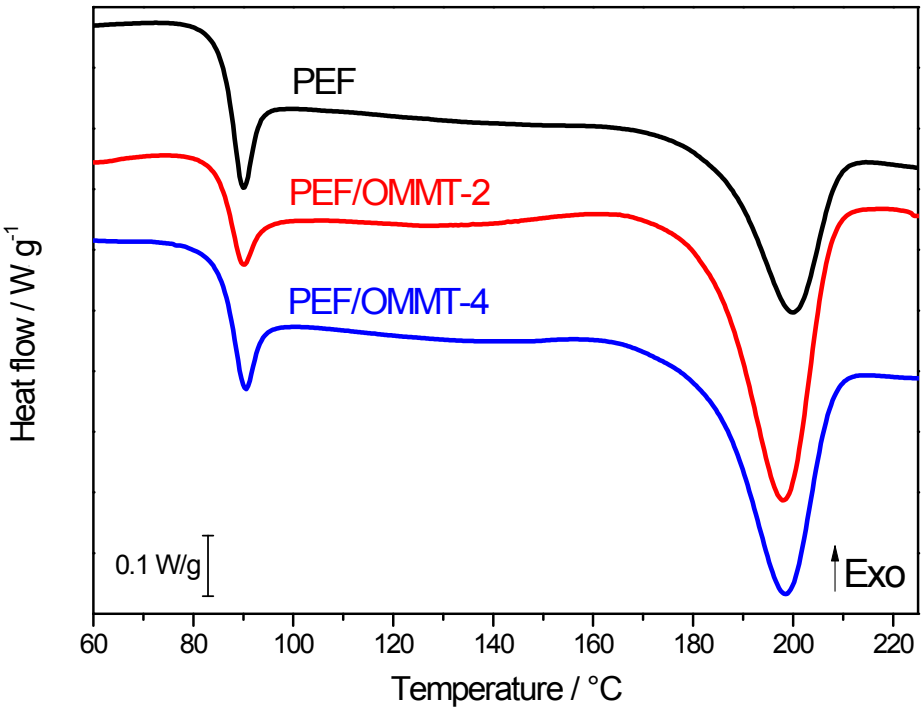

Figure S2. DSC heating curves of the neat PEF and PEF/OMMT nanocomposites at 20 °C min^{-1} obtained after cooling from the melt at 2 °C min^{-1}.

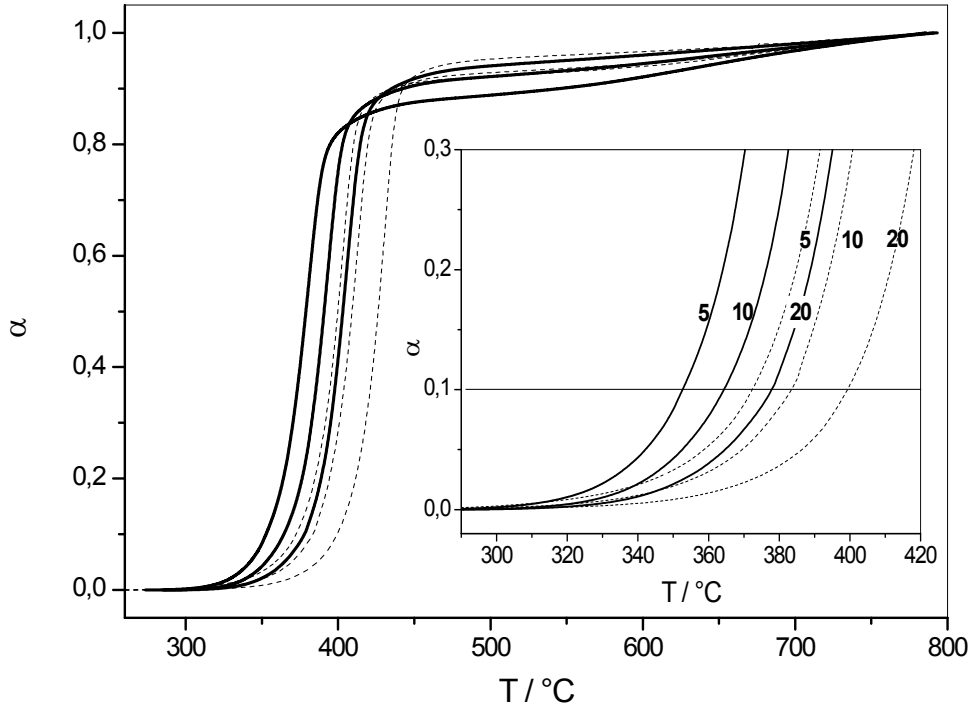

Figure S3. Extent of decomposition (α) as function of temperature for the neat PEF (continuous lines) and the PEF/OMMT-4 (dashed lines). The heating rate (°C min^{-1}) is indicated on the curves.