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ABSTRACT

In this work, the effect of the addition of different amount of nanosized hydroxyapatite (nHA) on the shape memory behaviour of blends based on poly(lactic acid) (PLA) and poly(ε-caprolactone) (PCL) has been studied. In particular PLA/PCL blend with 70 wt % PLA has been reinforced with 0.5, 1 and 3 wt % nHA. Moreover, the relationship