Level of significance (p) values for Table 1. Mechanical properties of the injection-molded parts of poly(3-hydroxybutyrate-*co*-3-hydroxyhexanoate) [P(3HB-*co*-3HHx)]/hydroxyapatite nanoparticles (nHA) in terms of maximum tensile stress (σ_{max}), tensile modulus (E_t), elongation at break (ε_b), maximum flexural stress (σ_f), flexural modulus (E_f), Shore D hardness, and impact strength.

Part	σ_{max} (MPa)	E_t (MPa)	ε_b (%)	σ_f (MPa)	E_f (MPa)	Shore D hardness	Impact Strength (kJ/m^2)
P(3HB-*co*-3HHx)	-	-	-	-	-	-	-
P(3HB-*co*-3HHx) + 2.5 nHA	0.056	0.080	0.309	0.052	0.032	0.027	0.285
P(3HB-*co*-3HHx) + 5 nHA	0.012	0.032	0.031	0.039	0.090	0.043	0.218
P(3HB-*co*-3HHx) + 10 nHA	0.016	0.158	0.163	0.014	0.122	0.037	0.115
P(3HB-*co*-3HHx) + 20 nHA	0.066	0.204	0.319	0.011	0.284	0.067	0.248

Level of significance (p) values for Table 2. Thermal properties of the injection-molded poly(3-hydroxybutyrate-*co*-3-hydroxyhexanoate) [P(3HB-*co*-3HHx)]/hydroxyapatite nanoparticles (nHA) parts in terms of glass transition temperature (T_g), cold crystallization temperature (T_{cc}), melting temperatures (T_{m1} and T_{m2}), cold crystallization enthalpy (ΔH_{cc}), melting enthalpy (ΔH_m), and maximum degree of crystallinity ($\chi_{c\,max}$).

Part	T_g (°C)	T_{cc} (°C)	T_{m1} (°C)	T_{m2} (°C)	ΔH_{cc} (J/g)	ΔH_m (J/g)	$X_{c\,max}$ (%)
P(3HB-*co*-3HHx)	-	-	-	-	-	-	-
P(3HB-*co*-3HHx) + 2.5 nHA	0.002	0.041	0.009	0.011	0.443	0.095	0.090
P(3HB-*co*-3HHx) + 5 nHA	0.003	0.030	0.004	0.013	0.051	0.128	0.186
P(3HB-*co*-3HHx) + 10 nHA	0.001	0.059	0.006	0.005	0.052	0.142	0.132
P(3HB-*co*-3HHx) + 20 nHA	0.002	0.051	0.010	0.003	0.082	0.099	0.010

Level of significance (p) values for Table 3. Main thermal degradation parameters of the injection-molded poly(3-hydroxybutyrate-*co*-3-hydroxyhexanoate) [P(3HB-*co*-3HHx)]/hydroxyapatite nanoparticles (nHA) parts in terms of onset temperature of degradation ($T_{5\%}$), degradation temperature (T_{deg}), and residual mass at 700 °C.

Part	$T_{5\%}$ (°C)	T_{deg} (°C)	Residual mass (%)
P(3HB-*co*-3HHx)	-	-	-
P(3HB-*co*-3HHx) + 2.5 nHA	0.021	0.041	0.867
P(3HB-*co*-3HHx) + 5 nHA	0.025	0.028	0.404
P(3HB-*co*-3HHx) + 10 nHA	0.058	0.025	0.555
P(3HB-*co*-3HHx) + 20 nHA	0.051	0.059	0.793

Level of significance (*p*) values for Table 4. Thermomechanical properties of the injection-molded poly(3-hydroxybutyrate-*co*-3-hydroxyhexanoate) [P(3HB-*co*-3HHx)]/hydroxyapatite nanoparticles (nHA) parts in terms of dynamic damping factor (*tan δ*) peak, glass transition temperature (T_g), storage modulus (E′) measured at -40 °C, 37 °C, and 70 °C, and coefficient of linear thermal expansion (CLTE) below and above T_g.

Part	DMTA				TMA		
	tan δ peak (°C)	E′ at -40 °C (MPa)	E′ at 37 °C (MPa)	E′ at 70 °C (MPa)	T_g (°C)	CLTE (μ/m·°C)	
						Below T_g	Above T_g
P(3HB-*co*-3HHx)	-	-	-	-	-	-	-
P(3HB-*co*-3HHx) + 2.5 nHA	0.021	0.280	0.153	0.027	0.002	0.051	0.078
P(3HB-*co*-3HHx) + 5 nHA	0.031	0.397	0.130	0.068	0.001	0.038	0.014
P(3HB-*co*-3HHx) + 10 nHA	0.023	0.581	0.243	0.141	0.002	0.023	0.065
P(3HB-*co*-3HHx) + 20 nHA	0.226	0.400	0.260	0.295	0.001	0.033	0.122