

SUPPLEMENTARY INFORMATION

Biomimetic growth of hydroxyapatite in hybrid polycaprolactone/graphene oxide ultra-porous scaffolds

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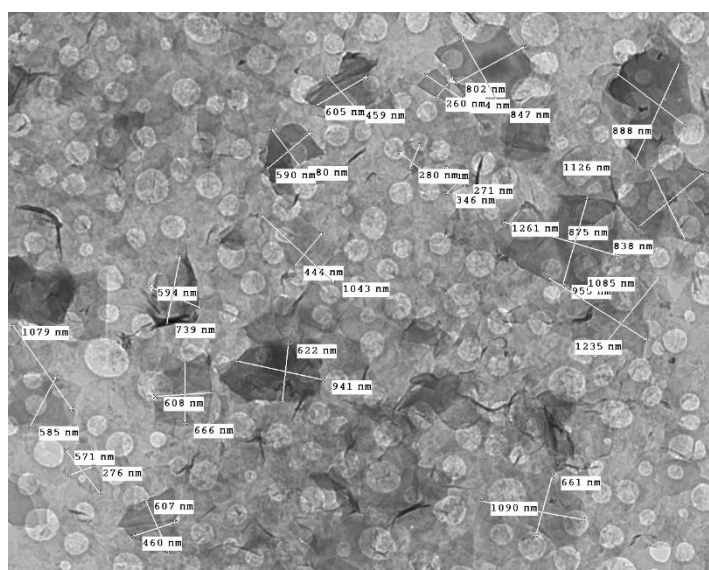
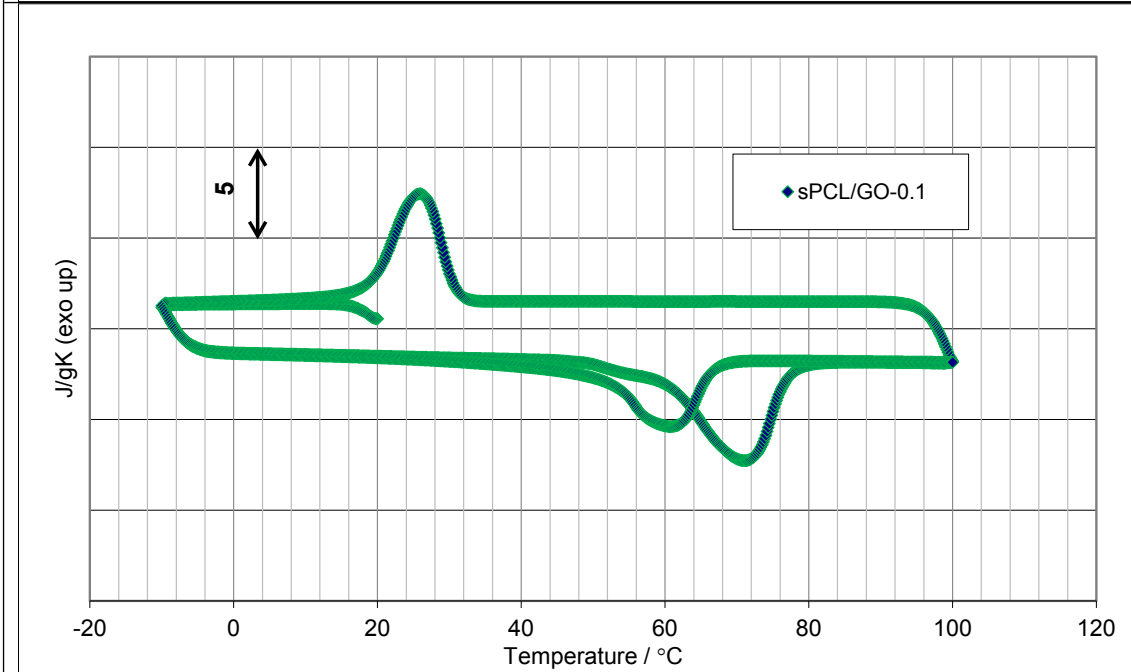
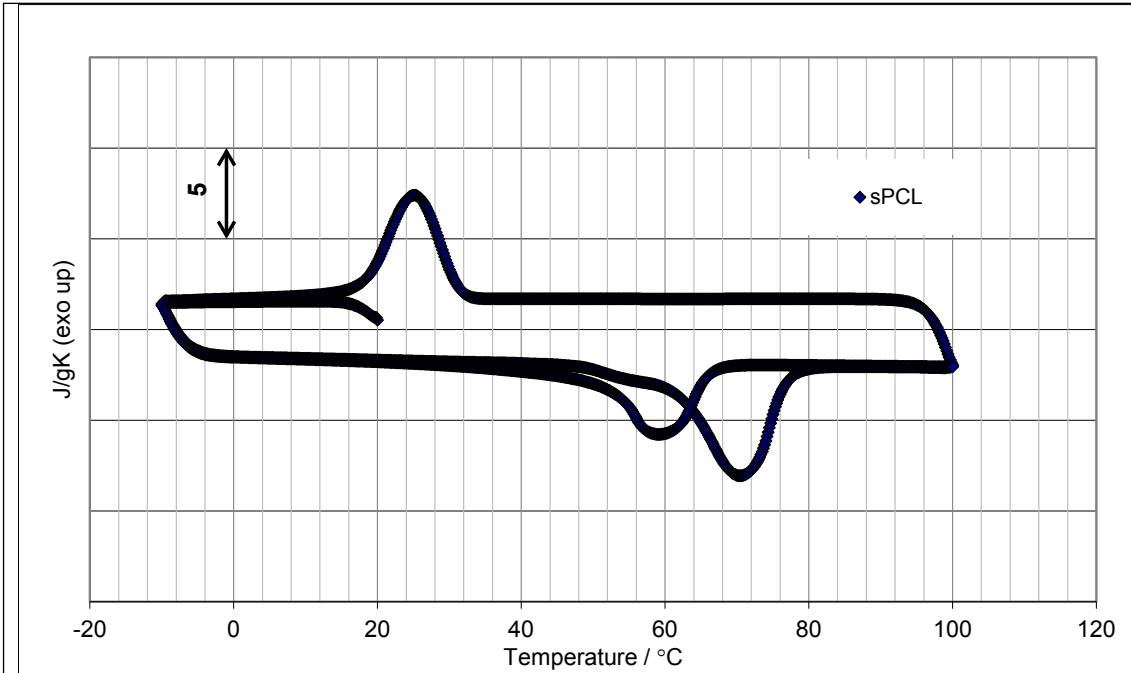


Figure S1. TEM image of the GO after ultrasonication.



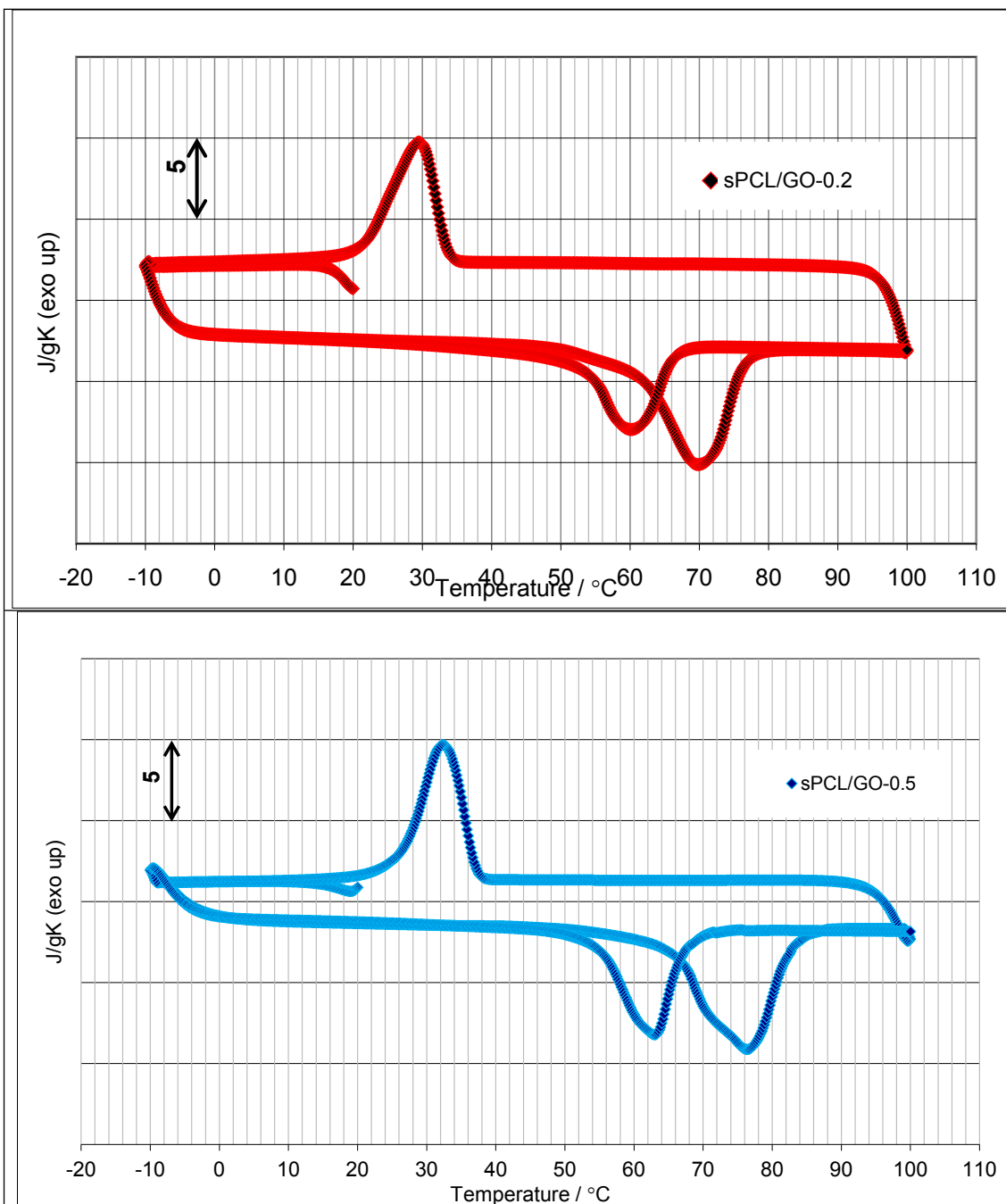
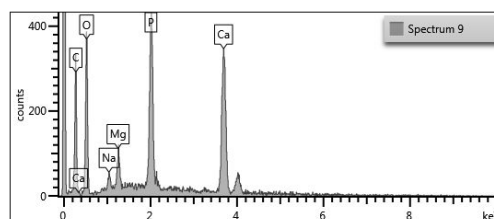
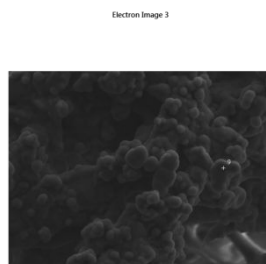


Figure S2. DSC thermograms as a function of GO content.

SPCL

Element	Wt%	Wt% Sigma	Atomic %
O	28,93	0,85	47,7
Na	1,22	0,2	1,4
Mg	2,77	0,24	3
P	19,45	0,6	16,56
Ca	47,63	0,89	31,34
Total:	100		100

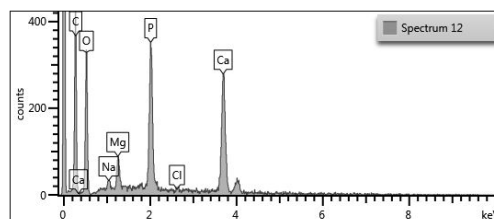
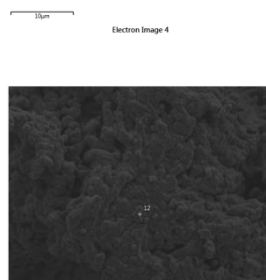
Ca/P **1,89**



SPCL/GO-0.1

Element	Wt%	Wt% Sigma	Atomic %
O	29,98	0,94	48,96
Na	0,9	0,21	1,02
Mg	2,76	0,27	2,97
P	19,4	0,65	16,36
Cl	0,96	0,26	0,71
Ca	46	0,98	29,98
Total:	100		100

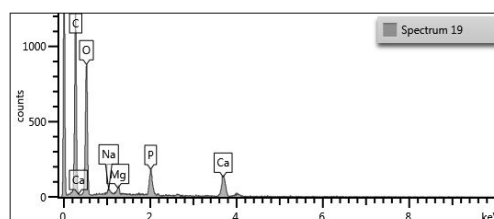
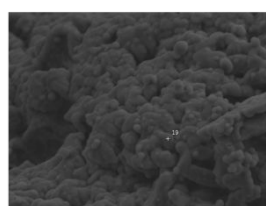
Ca/P **1,83**



SPCL/GO-0.2

Element	Wt%	Wt% Sigma	Atomic %
O	59,39	0,97	76,35
Na	1,22	0,3	1,09
Mg	2,15	0,29	1,82
P	10,82	0,54	7,18
Ca	26,43	0,91	13,56
Total:	100		100

Ca/P **1,89**



SPCL/GO-0.5

Element	Wt%	Wt% Sigma	Atomic %
O	39,51	1,44	59,01
Na	1,54	0,39	1,6
Mg	2,98	0,4	2,93
P	17,66	0,94	13,63
Ca	38,31	1,43	22,84
Total:	100		100

Ca/P **1,68**

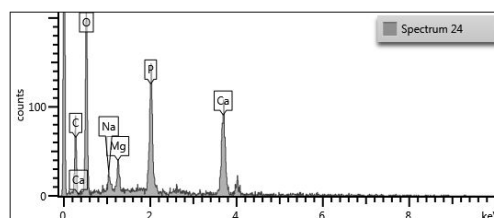
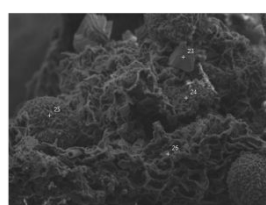


Figure S3. EDX as a function of GO content.

