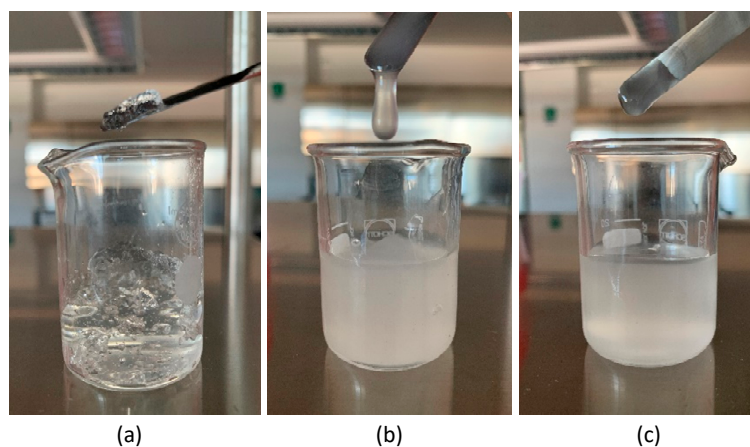
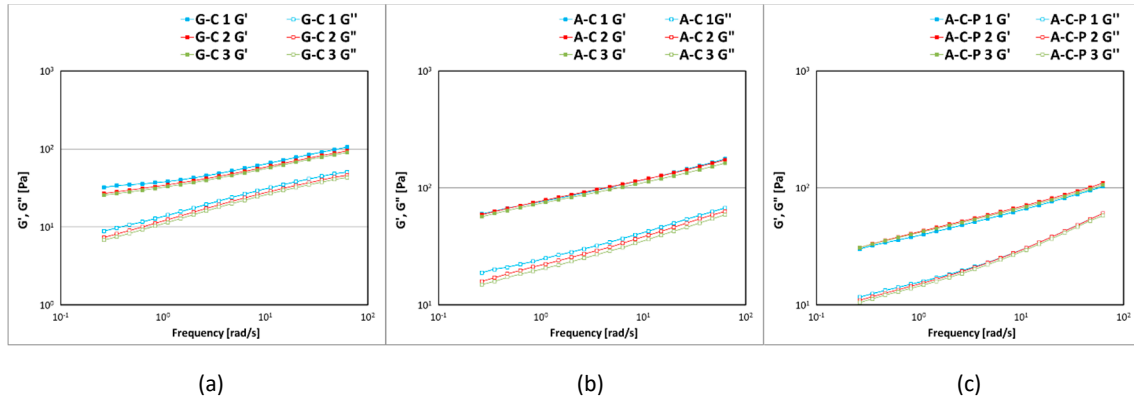


**Table S1:** samples submitted to rheological and texture analyses and concentration of the polymers used alone or in association.

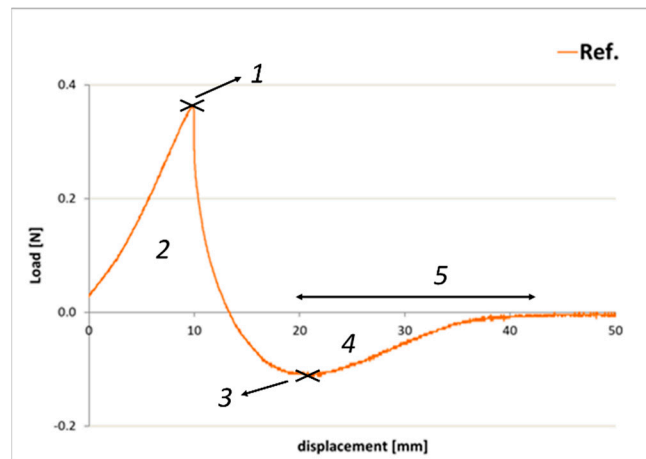
SAMPLES	A	G	C	P
A 1.5%	1.5%	-	-	-
G 1.5%	-	1.5%	-	-
A 1.5%	-	-	1.5%	-
P 4%	-	-	-	4.00%
G-C 1-2 0.75%	-	0.25%	0.50%	-
G-C 1-2 1%	-	0.33%	0.66%	-
G-C 1-2 1.5%	-	0.50%	1.00%	-
G-C 1-3 0.75%	-	0.19%	0.56%	-
G-C 1-3 1%	-	0.25%	0.75%	-
G-C 1-3 1.25%	-	0.31%	0.94%	-
G-C 1-3 1.5%	-	0.38%	1.13%	-
A-C 2-1 1.5%	1.00%	-	0.50%	-
A-C 3-1 1.5%	1.13%	-	0.38%	-
A-C 3-2 1.5%	0.90%	-	0.60%	-
A-C 3-2 1.75%	1.05%	-	0.70%	-
A-C 3-2 2%	1.20%	-	0.80%	-
A-C + P1%	1.25%	-	1.00%	1.00%
A-C + P2%	1.25%	-	1.00%	2.00%



**Figure S1:** G water dispersion G (a), C water dispersion (b), and G-C water dispersion at ratio 1:3 (c) at a concentration of 1.5% w/w.



**Figure S2:** storage  $G'$  and loss  $G''$  moduli as a function of the frequency applied for the samples containing the polysaccharidic associations G-C (a), A-C (b), and A-C-P (c). The analysis was repeated three times.



**Figure S3:** curve obtained with an immersion/de-immersion test, performed with a Texture Analyser, and the definitions of the calculated parameters: firmness (1), consistency (2), cohesiveness (3), adhesiveness (4), stringiness (5). Data plotted as load vs cumulative displacement.