A design-of-experiments approach to developing thermoresponsive gelators from complex polymer mixtures

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Table S1. *The five TFs with the highest G'$_{37°C}$ predicted by the model*

	Formulation Factors / % w/w							
	P407	**P188**	**L-PVA**	**H-PVA**	**L-PEG**	**H-PEG**	**L-PAA**	**H-PAA**
TF1	20.00	0.10	0.03	-	-	0.04	-	0.07
TF2	20.00	0.09	-	-	0.03	0.03	-	0.10
TF3	20.00	0.10	-	0.04	-	0.06	-	0.08
TF4	20.00	0.05	-	-	-	0.09	0.07	0.10
TF5	20.00	0.10	0.03	0.01	0.01	0.07	-	0.10

Table S2. *The five extended test formulations with the highest predicted G'$_{37°C}$ and P407 maximum concentration of 25 % w/w*

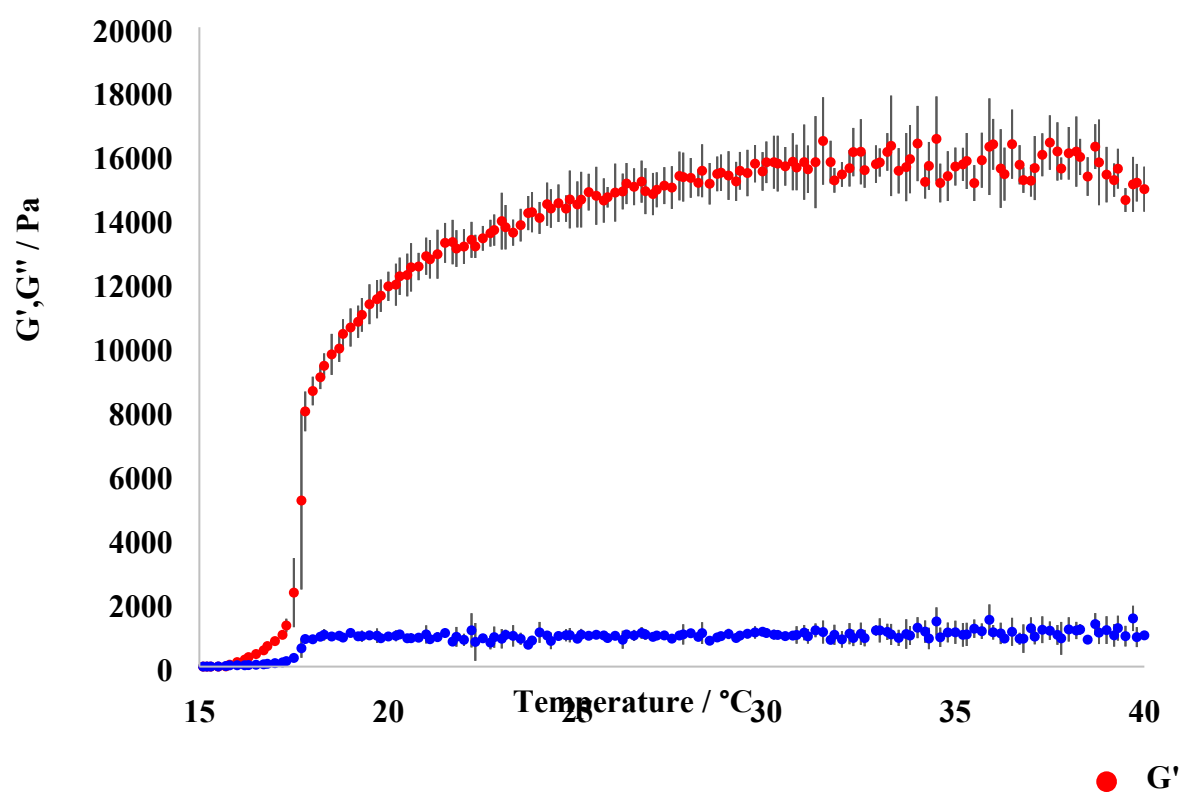|	**Formulation Factors / % w/w**						
	P407	**P188**	**H-PVA**	**L-PEG**	**H-PEG**	**L-PAA**	**H-PAA**
ETF1	21.56	0.30	0.10	0.11	0.30	0.26	0.30
ETF2	21.89	0.30	0.08	-	0.26	0.19	0.15
ETF3	22.30	0.28	0.29	0.03	0.30	-	0.29
ETF4	23.30	0.19	0.04	-	0.27	0.04	0.30
ETF5	24.18	-	0.13	0.01	0.14	0.01	0.30

Figure S1: P407 20 % (w/w) Rheogram (n = 4, ± SD) where (G') is the storage modulus and (G") is the loss modulus.