

Table S1. The effect of the acetoacetic ester-terminated polyether with different contents on the properties of the foam.

		Modified foam					
Basic foam		10%	12%	14%	16%	18%	20%
Bending strength (MPa)	0.220	0.254	0.276	0.291	0.305	0.296	0.291
Compressive Strength (MPa)	0.118	0.133	0.16	0.184	0.203	0.194	0.185
Fracture Displacement (mm)	4.31	7.1	10.9	14.3	14.8	13.9	11.8
Pulverization Rate (%)	5.7	3.3	2.1	1.6	1.3	1.9	2.1
Apparent Density (g/cm ³)	0.050	0.034	0.036	0.041	0.043	0.049	0.053
Water Absorption Rate (%)	8.0	6.4	6.4	6.3	6.5	6.9	7.3