

Supporting Information

**The effect of bound rubber on vulcanization kinetics in silica filled silicone
rubber**

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Table 1 Kinetic parameters for compounds, obtained by fitting the vulcanization
experimental data with Equation (4)

Compound	k (T) min ⁻¹	m	n	r ²
VMQ	4.93	0.52	1.42	0.99
SG10	5.38	0.56	1.46	0.99
SG20	5.58	0.58	1.46	0.98
SG30	5.44	0.56	1.42	0.98
SG40	4.83	0.54	1.38	0.98
SG50	5.56	0.55	1.43	0.98
SG60	4.59	0.47	1.33	0.99
SG70	5.18	0.53	1.39	0.98
SA10	5.72	0.61	1.57	0.99
SA20	5.24	0.58	1.51	0.99
SA30	4.91	0.57	1.53	0.99

SA40	4.79	0.58	1.70	0.99
SA50	4.40	0.55	1.62	0.99
SA60	3.26	0.50	1.49	0.99
SA70	3.76	0.53	1.62	0.99
SZ10	5.18	0.60	1.47	0.99
SZ20	5.46	0.59	1.51	0.99
SZ30	5.30	0.55	1.54	0.99
SZ40	5.05	0.58	1.53	0.99
SZ50	4.74	0.55	1.51	0.99
SZ60	4.53	0.52	1.51	0.99
SZ70	4.21	0.54	1.42	0.99
