

TABLE VI

Example	Template	e	f	h	i	g	Temp (°C)	Time (hrs)	MgAPSO product(s) ¹
77	Quin	1.0	0.2	0.9	0.9	0.2	150	48	MgAPSO-35; MgAPSO-16
78	Quin	1.0	0.2	0.9	0.9	0.2	150	166	MgAPSO-35; MgAPSO-16
79	Quin	1.0	0.2	0.9	0.9	0.2	200	48	MgAPSO-35; MgAPSO-16
80	Quin	1.0	0.2	0.9	0.9	0.2	200	166	MgAPSO-35; MgAPSO-16
81	MQuin	1.0	0.2	0.9	0.9	0.2	150	40	MgAPSO-35
82	MQuin	1.0	0.2	0.9	0.9	0.2	150	121	MgAPSO-35
83	MQuin	1.0	0.2	0.9	0.9	0.2	200	40	MgAPSO-35
84	MQuin	1.0	0.2	0.9	0.9	0.2	200	121	MgAPSO-35
85	MQuin	1.0	0.2	0.9	0.9	0.6	150	114	MgAPSO-35; MgAPSO-16
86 ²	TBAOH	2.0	0.4	0.8	1.0	0.4	200	48	MgAPSO-5
87 ³	C-hex	1.0	0.2	0.9	0.9	0.6	150	40	MgAPSO-44; MgAPSO-5
88 ³	C-hex	1.0	0.2	0.9	0.9	0.6	200	107	MgAPSO-44; MgAPSO-5
89 ³	C-hex	1.0	0.2	0.9	0.9	0.6	150	40	MgAPSO-5; MgAPSO-44
90 ³	C-hex	1.0	0.2	0.9	0.9	0.6	200	107	MgAPSO-5; MgAPSO-44

¹ Major species as identified by x-ray diffraction pattern of product, except that when two or more species were identified the species are listed in the order of their predominance in the MgAPSO products.

² The mixing order in this example was in the order of the aluminum source, magnesium source, silicon source and the phosphorus source.

³ Ludox-LS was added before the magnesium acetate in this example.