

Table S1 The averaged internal stress tensor (MPa) components of Pm-8 models

Pm-8 code	The number of methylene units (m)	xx	yy	zz	xz	yz	xy
P2-8	2	0.004 ±	0.0312 ±	0.077 ±	0.0019 ±	0.037 ±	0.029 ±
		0.0022	0.0055	0.0331	0.0142	0.012	0.0009
P4-8	4	0.041 ±	0.041 ±	0.029 ±	0.061 ±	0.033 ±	0.018 ±
		0.0292	0.017	0.0055	0.007	0.016	0.0093
P6-8	6	0.049 ±	0.021 ±	0.044 ±	0.019 ±	0.031 ±	0.067 ±
		0.0023	0.0167	0.0012	0.014	0.005	0.0252
P8-8	8	0.016 ±	0.077 ±	0.051 ±	0.035 ±	0.029 ±	0.024 ±
		0.0545	0.0122	0.0043	0.0081	0.0062	0.0108
P10-8	10	0.0312 ±	0.0088 ±	0.0339 ±	0.0267 ±	0.0192±	0.0417 ±
		0.0052	0.0211	0.0052	0.007	0.0018	0.0112