	Avg. Molecular weight	Δ Molecular weight	Avg. Dipole moment	Δ Dipole moment	COF	Intercept	Avg Nematic order	Δ Nematic order	Diff S2	Avg Tilt angle	Δ Tilt angle	Diff Tilt	Interdigitation	Δ Interdigitation	Interaction energy	Δ Interaction energy	Interaction energy QQ	Δ Interaction energy QQ	Interaction energy LJ	Δ Interaction energy LJ
Avg. Molecular weight	1	0.77	0.84	0.27	-0.25	-0.42	-0.42	-0.083	0.35	-0.66	0.37	0.65	0.43	-0.26	0.34	-0.2	0.66	0.11	-0.9	-0.67
Δ Molecular weight	0.77	1	0.53	0.61	-0.039	-0.21	-0.38	-0.0075	0.39	-0.61	0.39	0.68	0.55	-0.3	0.19	-0.1	0.38	0.029	-0.51	-0.29
Avg. Dipole moment	0.84	0.53	1	0.23	-0.36	-0.12	-0.23	-0.052	0.34	-0.34	0.08	0.54	0.34	-0.21	-0.056	0.03	0.35	0.26	-0.84	-0.41
Δ Dipole moment	0.27	0.61	0.23	1	0.15	0.31	-0.034	0.21	0.14	-0.033	0.065	0.3	0.37	-0.18	-0.33	0.2	-0.2	0.2	-0.088	0.1
COF	-0.25	-0.039	-0.36	0.15	1	0.074	-0.03	-0.063	0.091	0.081	0.12	-0.015	0.038	0.27	-0.17	-0.3	-0.24	-0.42	0.24	0.099
Intercept	-0.42	-0.21	-0.12	0.31	0.074	1	0.39	0.058	-0.12	0.78	-0.76	-0.22	-0.15	-0.03	-0.91	0.79	-0.92	0.57	0.52	0.74
Avg Nematic order	-0.42	-0.38	-0.23	-0.034	-0.03	0.39	1	0.14	-0.52	0.66	-0.45	-0.2	-0.51	0.17	-0.39	0.22	-0.45	0.07	0.34	0.37
Δ Nematic order	-0.083	-0.0075	-0.052	0.21	-0.063	0.058	0.14	1	0.033	0.13	0.073	-0.072	-0.076	-0.11	-0.042	-0.067	-0.079	-0.14	0.1	0.1
Diff S2	0.35	0.39	0.34	0.14	0.091	-0.12	-0.52	0.033	1	-0.39	0.11	0.53	0.2	0.087	0.029	-0.068	0.14	-0.047	-0.26	-0.068
Avg Tilt angle	-0.66	-0.61	-0.34	-0.033	0.081	0.78	0.66	0.13	-0.39	1	-0.69	-0.54	-0.48	0.2	-0.72	0.51	-0.8	0.29	0.58	0.64
Δ Tilt angle	0.37	0.39	0.08	0.065	0.12	-0.76	-0.45	0.073	0.11	-0.69	1	0.2	0.42	-0.076	0.67	-0.7	0.69	-0.54	-0.42	-0.59
Diff Tilt	0.65	0.68	0.54	0.3	-0.015	-0.22	-0.2	-0.072	0.53	-0.54	0.2	1	0.38	-0.24	0.096	-0.078	0.29	0.0011	-0.49	-0.18
Interdigitation	0.43	0.55	0.34	0.37	0.038	-0.15	-0.51	-0.076	0.2	-0.48	0.42	0.38	1	-0.36	0.013	0.014	0.15	0.081	-0.31	-0.12
Δ Interdigitation	-0.26	-0.3	-0.21	-0.18	0.27	-0.03	0.17	-0.11	0.087	0.2	-0.076	-0.24	-0.36	1	0.0016	-0.16	-0.057	-0.18	0.13	-0.03
Interaction energy	0.34	0.19	-0.056	-0.33	-0.17	-0.91	-0.39	-0.042	0.029	-0.72	0.67	0.096	0.013	0.0016	1	-0.68	0.9	-0.47	-0.35	-0.69
Δ Interaction energy	-0.2	-0.1	0.03	0.2	-0.3	0.79	0.22	-0.067	-0.068	0.51	-0.7	-0.078	0.014	-0.16	-0.68	1	-0.67	0.9	0.36	0.6
Interaction energy QQ	0.66	0.38	0.35	-0.2	-0.24	-0.92	-0.45	-0.079	0.14	-0.8	0.69	0.29	0.15	-0.057	0.9	-0.67	1	-0.36	-0.72	-0.87
Δ Interaction energy QQ	0.11	0.029	0.26	0.2	-0.42	0.57	0.07	-0.14	-0.047	0.29	-0.54	0.0011	0.081	-0.18	-0.47	0.9	-0.36	1	0.029	0.2
Interaction energy LJ	-0.9	-0.51	-0.84	-0.088	0.24	0.52	0.34	0.1	-0.26	0.58	-0.42	-0.49	-0.31	0.13	-0.35	0.36	-0.72	0.029	1	0.78
Δ Interaction energy LJ	-0.67	-0.29	-0.41	0.1	0.099	0.74	0.37	0.1	-0.068	0.64	-0.59	-0.18	-0.12	-0.03	-0.69	0.6	-0.87	0.2	0.78	1