Table 8C. Film Properties for DEMS + CHO

Run #	RI (as dep'd)	RI (post-UV)	change in RI	d (nm, as-dep'd)	d (nm, post-UV)	% Shrinkage	k (post-UV)	Mod (GPa, post-UV)	H (GPa, post-UV)
1	1.485	1.339	-0.146	1538	1237	20	2.30		
2	1.487	1.340	-0.147	1568	1264	19	2.30		
3	1.456	1.322	-0.134	1008	764	24	2.30	3.52	0.36
4	1.502	1.350	-0.152	1018	760	25	2.36	5.48	0.83
5	1.504	1.388	-0.116	1364	1018	25	2.36	5.48	0.83
6	1.472	1.342	-0.130	947	689	27	2.37	6.34	0.95
7	1.476	1.355	-0.121	1233	890	28	2.37	6.34	0.95
8	1.464	1.320	-0.144	807	625	23	2.40	5.69	0.92
9	1.489	1.352	-0.137	814	641	21	2.44	5.79	0.81
10	1.533	1.385	-0.148	1158	923	20	2.47	4.22	0.60
11	1.478	1.347	-0.131	676	486	28	2.49	9.01	1.33
12	1.475	1.360	-0.115	914	654	28	2.49	9.01	1.33
13	1.494	1.375	-0.119	829	672	19	2.51	6.26	0.94
14	1.457	1.328	-0.129	825	659	20	2.52	7.63	1.24
15	1.474	1.368	-0.106	548	431	21	2.52	7.12	1.02
16	1.465	1.346	-0.119	535	420	21	2.56	8.50	1.26
17	1.477	1.387	-0.090	801	607	24	2.56	8.50	1.26
18	1.459	1.350	-0.109	682	563	17	2.56	8.30	1.27
19	1.447	1.348	-0.099	918	755	18	2.60	8.13	1.34
20	1.514	1.396	-0.118	1131	1061	6	2.60	4.91	0.64
21	1.507	1.436	-0.071	1291	1155	11	2.60	4.91	0.64