

DISC	T1 - AFTER POLISHING (BASELINE)				T2 - AFTER IMMERSION IN dH2O				T3 - AFTER 500 CYCLES OF THERMOCYCLING				T4 - AFTER ULTRASONIC CLEANING 10 MINS								
	L	A	B	ΔE	L	A	B	ΔE	L	A	B	ΔE	L	A	B	AL	AA	AB	ΔE		
CERAMAGE	TRANSLUCENT HVY	1	56.430	-2.480	-7.330	55.080	-2.030	-8.010	1.577	54.800	-2.010	-7.460	1.701	55.120	-2.000	-7.760	1.716	0.230	0.185	1.460	1.460
		2	57.040	-2.480	-6.600	55.180	-2.120	-7.670	2.176	54.790	-2.090	-7.620	2.501	54.940	-2.100	-7.550	4.410	0.144	0.903	2.336	2.336
		3	56.960	-2.520	-6.600	55.020	-2.100	-7.740	2.289	55.030	-2.140	-7.390	2.120	55.090	-2.010	-7.810	3.497	0.260	1.464	2.285	2.285
		4	56.400	-2.480	-7.120	55.950	-2.020	-7.910	1.019	55.010	-2.120	-7.930	1.649	55.090	-2.110	-7.610	1.716	0.137	0.240	1.447	1.447
		5	56.150	-2.430	-7.320	55.860	-1.980	-8.040	0.897	54.750	-2.060	-7.600	1.475	55.090	-2.130	-7.480	1.124	0.090	0.026	1.113	1.113
		6	56.220	-2.400	-7.410	55.010	-1.970	-7.960	1.397	54.800	-2.060	-7.610	1.474	54.940	-2.020	-7.700	1.638	0.144	0.084	1.366	1.366
		7	56.040	-2.400	-7.440	55.860	-1.970	-8.080	0.792	54.960	-2.020	-7.640	1.162	55.080	-2.050	-7.700	0.922	0.123	0.068	1.054	1.054
		8	56.810	-2.520	-6.920	55.050	-2.080	-7.780	2.008	55.110	-2.120	-7.460	1.828	55.120	-2.060	-7.640	2.856	0.212	0.518	1.894	1.894
		9	56.770	-2.460	-7.340	55.950	-2.040	-8.020	1.145	54.880	-2.080	-7.560	1.940	54.730	-2.080	-7.730	4.162	0.144	0.152	2.111	2.111
		10	56.590	-2.390	-7.360	55.150	-2.030	-7.910	1.583	55.100	-2.060	-7.530	1.536	54.730	-2.070	-7.680	3.460	0.102	0.102	1.914	1.914
		MEAN	56.541	-2.456	-7.144	55.411	-2.034	-7.912	1.488	54.923	-2.076	-7.580	1.739	54.993	-2.063	-7.666	2.550	0.159	0.374	1.698	1.698
CERAMAGE	INCISAL SB	11	60.600	-2.140	-2.540	59.370	-1.800	-3.200	1.437	59.410	-1.810	-2.390	1.244	59.510	-1.800	-2.730	1.188	0.116	0.036	1.157	1.157
		12	60.620	-2.110	-2.590	59.440	-1.770	-3.190	1.367	59.400	-1.810	-2.610	1.257	59.310	-1.810	-2.860	1.716	0.090	0.073	1.371	1.371
		13	60.680	-2.050	-2.480	59.660	-1.780	-2.880	1.128	59.130	-1.780	-2.880	1.623	59.200	-1.810	-3.080	2.190	0.058	0.360	1.615	1.615
		14	60.550	-2.110	-2.540	59.380	-1.780	-3.170	1.369	59.370	-1.810	-2.750	1.236	59.510	-1.830	-2.640	1.082	0.078	0.010	1.082	1.082
		15	60.760	-2.110	-2.400	59.480	-1.800	-2.970	1.435	59.330	-1.820	-2.720	1.494	59.200	-1.790	-3.080	2.434	0.102	0.462	1.732	1.732
		16	60.960	-2.110	-2.300	59.760	-1.810	-2.800	1.334	59.380	-1.790	-2.490	1.623	59.220	-1.820	-3.030	3.028	0.084	0.533	1.909	1.909
		17	60.920	-2.090	-2.420	59.490	-1.790	-3.040	1.587	59.410	-1.800	-2.720	1.567	59.210	-1.820	-2.860	2.924	0.073	0.194	1.786	1.786
		18	60.800	-2.080	-2.490	59.500	-1.800	-2.980	1.417	59.180	-1.820	-2.930	1.699	59.390	-1.790	-2.760	1.988	0.084	0.073	1.465	1.465
		19	60.800	-2.060	-2.470	59.640	-1.790	-2.930	1.277	59.260	-1.790	-2.480	1.564	59.500	-1.800	-2.940	1.690	0.068	0.221	1.407	1.407
		20	60.620	-2.020	-2.570	59.740	-1.770	-2.940	0.987	59.180	-1.810	-2.910	1.494	59.470	-1.810	-2.780	1.323	0.044	0.044	1.814	1.814
		MEAN	60.731	-2.088	-2.480	59.546	-1.789	-3.010	1.383	59.305	-1.804	-2.688	1.480	59.352	-1.808	-2.876	1.956	0.080	0.201	1.471	1.471
DUO-TECH CERAMAGE	DENTIN BODY A1B	1	73.500	-1.000	7.100	73.820	-0.600	6.410	0.859	72.700	-0.460	6.760	1.023	72.550	-0.540	6.300	0.903	0.212	0.640	1.324	1.324
		2	73.490	-0.900	7.030	73.820	-0.600	6.410	0.787	72.400	-0.620	6.220	1.387	72.800	-0.470	6.580	0.476	0.185	0.203	0.929	0.929
		3	73.000	-1.060	6.610	73.990	-0.540	6.540	0.830	72.640	-0.960	6.370	0.444	72.890	-0.440	6.930	0.012	0.384	0.102	0.706	0.706
		4	72.850	-1.100	6.650	73.490	-0.650	6.080	1.006	72.730	-0.470	6.880	0.681	72.410	-0.520	6.040	0.194	0.336	0.372	0.950	0.950
		5	73.030	-1.080	6.900	73.310	-0.680	5.860	1.098	72.890	-0.410	6.900	0.684	72.880	-0.440	6.660	0.023	0.410	0.058	0.700	0.700
		6	72.840	-1.080	6.670	73.560	-0.650	6.040	0.879	72.100	-0.460	6.530	0.975	72.470	-0.550	6.220	0.137	0.281	0.203	0.788	0.788
		7	73.180	-0.890	6.600	72.430	-0.670	6.010	0.740	71.920	-0.530	6.700	1.314	72.630	-0.470	6.270	0.303	0.176	0.109	0.767	0.767
		8	73.400	-0.980	7.050	72.750	-0.570	6.090	0.873	72.440	-0.500	6.480	1.215	72.490	-0.550	6.170	0.828	0.185	0.774	1.337	1.337
		9	72.860	-1.060	6.650	72.840	-0.570	6.520	0.872	72.130	-0.500	6.550	0.925	72.400	-0.530	6.290	0.212	0.281	0.130	0.789	0.789
		10	72.880	-1.070	6.580	72.520	-0.650	5.960	0.882	72.280	-0.510	6.480	0.827	72.170	-0.580	6.100	0.504	0.240	0.230	0.987	0.987
		MEAN	73.103	-1.022	6.784	72.500	-0.640	5.910	0.883	72.423	-0.542	6.587	0.948	72.569	-0.509	6.356	0.359	0.269	0.282	0.928	0.928
DUO-TECH CERAMAGE	TRANSLUCENT HVY	1	52.170	-1.750	-7.190	51.690	-1.640	-7.160	0.493	50.650	-1.560	-6.660	1.621	51.210	-1.680	-6.670	0.230	0.002	0.240	0.687	0.687
		2	51.590	-1.700	-7.040	51.170	-1.590	-6.960	0.441	51.370	-1.630	-6.700	0.411	52.230	-1.640	-7.140	1.124	0.002	0.032	1.076	1.076
		3	51.890	-1.730	-7.040	51.410	-1.610	-6.950	0.503	51.590	-1.670	-6.900	0.336	50.870	-1.640	-6.710	0.292	0.001	0.058	0.592	0.592
		4	51.160	-1.670	-7.070	50.730	-1.560	-7.050	0.444	51.090	-1.620	-6.700	0.380	50.620	-1.570	-6.800	0.012	0.000	0.063	0.273	0.273
		5	51.670	-1.750	-7.170	51.200	-1.680	-7.010	0.501	51.130	-1.680	-6.680	0.733	51.150	-1.620	-6.760	0.003	0.004	0.063	0.262	0.262
		6	52.540	-1.730	-7.260	52.140	-1.600	-7.290	0.422	51.110	-1.640	-6.660	1.553	51.710	-1.700	-6.810	0.185	0.010	0.230	0.652	0.652
		7	52.000	-1.740	-7.200	51.520	-1.640	-7.020	0.522	50.820	-1.620	-6.620	1.320	51.170	-1.650	-6.710	0.123	0.000	0.096	0.468	0.468
		8	51.690	-1.730	-7.140	51.190	-1.640	-6.990	0.530	52.210	-1.630	-7.070	0.534	51.190	-1.700	-6.650	0.000	0.004	0.116	0.345	0.345
		9	51.420	-1.680	-7.170	51.030	-1.610	-7.040	0.417	51.640	-1.680	-6.530	0.677	51.470	-1.650	-6.740	0.194	0.002	0.090	0.534	0.534
		10	51.660	-1.670	-7.170	51.320	-1.620	-7.030	0.371	51.110	-1.690	-6.590	0.800	51.640	-1.680	-6.960	0.102	0.004	0.005	0.333	0.333
		MEAN	51.779	-1.715	-7.145	51.340	-1.619	-7.050	0.465	51.272	-1.642	-6.711	0.836	51.326	-1.653	-6.795	0.226	0.003	0.099	0.522	0.522
DUO-TECH CERAMAGE	INCISAL SB	11	62.570	-1.750	-2.090	62.300	-1.610	-2.060	0.306	62.000	-1.590	-1.670	0.726	60.980	-1.570	-1.890	1.742	0.002	0.029	1.332	1.332
		12	61.730	-1.710	-2.160	61.490	-1.540	-2.180	0.295	61.620	-1.570	-2.050	0.209	62.330	-1.590	-1.900	0.706	0.003	0.078	0.887	0.887
		13	62.510	-1.750	-1.970	62.120	-1.640	-1.930	0.407	61.120	-1.540	-1.790	1.417	61.720	-1.580	-1.630	0.160	0.004	0.090	0.504	0.504
		14	62.020	-1.772	-2.060	61.710	-1.590	-1.940	0.379	61.780	-1.570	-2.160	0.329	62.180	-1.610	-1.750	0.221	0.000	0.036	0.507	0.507
		15	61.980	-1.710	-1.910	61.620	-1.610	-1.900	0.374	60.940	-1.550	-1.790	1.059	61.900	-1.580	-2.240	0.078	0.001	0.116	0.441	0.441
		16	62.030	-1.730	-2.390	61.790	-1.570	-2.500	0.309	61.500	-1.540	-1.890	0.753	61.220	-1.560	-1.890	0.325	0.000	0.372	0.835	0.835
		17	61.290	-1.690	-2.230	61.000	-1.560	-2.210	0.318	62.200	-1.610	-1.580	1.121	62.050	-1.590	-1.750	1.102	0.001	0.212	1.147	1.147
		18	61.710	-1.700	-2.210	61.370	-1.550	-2.290	0.380	62.260	-1.610	-1.910	0.633	61.510	-1.570	-2.080	0.020	0.000	0.044	0.253	0.253
		19	61.660	-1.700	-2.240	61.300	-1.550	-2													

CERAMAGE	DISC	T1 - AFTER POLISHING (BASELINE)				T2 - AFTER IMMERSION IN dH2O FOR 1 WEEK							T3 - AFTER IMMERSION IN STAINING SOLUTION FOR 1 WEEK							
		L	A	B	ΔE	L	A	B	ΔL	ΔA	ΔB	ΔE	L	A	B	ΔL	ΔA	ΔB	ΔE	
		POLISHED		1	60.480	-1.760	-1.940	0	58.740	-1.860	-2.530	3.028	0.010	0.348	1.840	58.460	-1.830	-1.740	4.080	0.005
2	59.580	-1.770	-1.780	0	58.750	-1.910	-2.490	0.689	0.020	0.504	1.101	58.600	-1.940	-1.680	0.960	0.029	0.010	1.000		
3	59.710	-1.810	-2.650	0	58.640	-1.850	-2.250	1.145	0.002	0.160	1.143	58.410	-1.840	-1.670	1.690	0.001	0.960	1.628		
4	61.000	-1.660	-1.650	0	58.190	-1.810	-2.220	7.896	0.023	0.325	2.871	57.860	-1.820	-1.350	9.860	0.026	0.090	3.158		
5	60.520	-1.770	-1.960	0	58.490	-1.880	-2.480	4.121	0.012	0.270	2.098	58.610	-1.870	-1.830	3.648	0.010	0.017	1.917		
MEAN		60.258	-1.754	-1.996	0	58.562	-1.862	-2.394	1.688	0.007	0.161	0.905	58.388	-1.860	-1.654	4.048	0.014	0.223	1.947	
UNPOLISHED		1	60.200	-1.920	-2.150	0	59.120	-1.830	-1.650	1.166	0.008	0.250	1.194	59.210	-2.030	1.540	0.980	0.012	13.616	3.822
2	59.360	-1.760	-2.020	0	59.620	-1.870	-2.060	0.068	0.012	0.002	0.285	59.030	-2.090	1.760	0.109	0.109	14.288	3.809		
3	60.000	-1.800	-2.520	0	60.520	-1.730	-1.070	0.270	0.005	2.103	1.542	59.400	-2.000	3.020	0.360	0.040	30.692	5.576		
4	60.190	-1.870	-2.330	0	62.200	-1.670	-0.970	4.040	0.040	1.850	2.435	59.320	-2.120	2.880	0.757	0.063	27.144	5.288		
5	60.300	-1.910	-2.140	0	59.850	-1.800	-1.530	0.202	0.012	0.372	0.766	58.990	-2.160	-0.470	1.716	0.063	2.789	2.137		
MEAN		60.010	-1.852	-2.232	0	60.262	-1.780	-1.456	0.575	0.008	0.458	0.622	59.190	-2.080	1.746	0.784	0.057	17.706	4.126	