

Date	User	Film	Recipe	Substrate	Coat		Thickness	JAW EC-400 (Woolam S. E.)		Avg. Index			Avg. dep. Rate			HF e.r.	Stress	Avg Stress	Avg+10%	Avg-10%	LPD (light point defects)		Comment	PM, Mike Silva	
					time	Dep.time		Index @ 632.8nm	Index @ 1550nm	Index+1%	Index-1%	Dep.rate	Avg+3%	Avg-3%	before dep.						after dep.				
					300°C	min	sec	(Å)																	
Nitride 2																									
01/17/14	Biljana	Si3N4	Nitride 2	300	10min	1800.00	2686.61	1.951	1.916	1.952	1.972	1.933	8.96	9.05	9.32	8.77	50.14	489.51	480.68	528.75	432.61	107	385	Nice, uniform film	
01/30/14	Biljana	Si3N4	Nitride 2	300	10min	1800.00	2718.44	1.953	1.920	1.952	1.972	1.933	9.06	9.05	9.32	8.77		480.68	480.68	528.75	432.61			Nice, uniform film	1/23/2014Silane change
02/03/14	Biljana	Si3N4	Nitride 2	300	10min	1800.00	2737.37	1.954	1.916	1.952	1.972	1.933	9.12	9.05	9.32	8.77	46.21	462.40	480.68	528.75	432.61	107	2123	A lot of particles	
02/18/14	Biljana	Si3N4	Nitride 2	300	10min	1800.00	2725.59	1.951	1.918	1.952	1.972	1.933	9.09	9.05	9.32	8.77	44.79	472.74	480.68	528.75	432.61	64	367	Nice, uniform film	
03/12/14	Biljana	Si3N4	Nitride 2	300	10min	1800.00	2700.46	1.951	1.913	1.952	1.972	1.933	9.00	9.05	9.32	8.77	52.13	498.07	480.68	528.75	432.61	66	239	Nice, uniform film	

Avg. Thickness	2713.69	Avg. Index	1.952	Avg. Dep. Rate	9.05	Avg. HF er	48.32
		Avg+1%	1.972	Avg +3%	9.32	Avg Stress	480.68
		Avg-1%	1.933	Avg -3%	8.77	Avg+10%	528.75
						Avg-10%	432.61

