

Date	User	Film	Recipe	Substrate	Coat		Thickness	JAW EC-400 (Woolam S.E.)		Avg. Index		Index+1%	Index-1%	Dep.rate	Avg. dep. Rate			HF e.r.	Stress	Avg Stress	Avg+10%	Avg-10%	LPD (light point defects)		Comment	Mike Silva
					time	Dep.time		Index @ 632.8nm	Index @ 1550nm	(nm/min)	(nm/min)				(nm/min)	(nm/min)	(nm/min)						before dep.	after dep.		
Nitride 2																										
01/17/14	Biljana	Si3N4	Nitride 2	300	10min	1800.00	2686.61	1.951	1.916	1.952	1.971	1.932	8.96	9.03	9.30	8.76	50.14	489.51	484.21	532.63	435.79	107	385	Nice, uniform film		
01/30/14	Biljana	Si3N4	Nitride 2	300	10min	1800.00	2718.44	1.953	1.920	1.952	1.971	1.932	9.06	9.03	9.30	8.76		484.21	484.21	532.63	435.79			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	1.971	1.932	9.12	9.03	9.30	8.76	46.21	462.40	484.21	532.63	435.79	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	1.971	1.932	9.09	9.03	9.30	8.76	44.79	472.74	484.21	532.63	435.79	64	367	Nice, uniform film		
03/12/14	Biljana	Si3N4	Nitride 2	300	10min	1800.00	2700.46	1.951	1.913	1.952	1.971	1.932	9.00	9.03	9.30	8.76	52.13	498.07	484.21	532.63	435.79	66	239	Nice, uniform film		
04/03/14	Biljana	Si3N4	Nitride 2	300	10min	1800.00	2682.07	1.951	1.912	1.952	1.971	1.932	8.94	9.03	9.30	8.76	45.72	498.33	484.21	532.63	435.79	392	559	Water had at start a lot of particles		

Avg. Thickness	2708.42	Avg. Index	1.952	Avg Dep. Rate	9.03	Avg HF e.r.	47.80
		Avg+1%	1.971	Avg +3%	9.30	Avg Stress	484.21
		Avg-1%	1.932	Avg -3%	8.76	Avg+10%	532.63
						Avg-10%	435.79

