

ZEP520A SPIN SPEED (f) THICKNESS

ZEP-520A in Anisole Spin Speed (f) Thickness Data
 Single Layer Thin films for Metal Lift off or RIE etching to 300 nm.
 Headway Spinner -- OPEN COVER
 Target Thickness = 250 - 260 nm NANOSPEC n =1.54
 James W. Conway
 9/28/2005'

DATA SET	N	Wafer No.	Speed (rpm)	RESIST THICKNESS				MEAN (angstroms)	STD. DEV. (angstroms)	Delta %	Comments	
				TOP (angstroms)	CENTER (angstroms)	LOCATION BOTTOM (angstroms)	LEFT (angstroms)					RIGHT (angstroms)
DATA SET 1	1	05232005_6	1000	7154	7230	7128	7166	7186	7172.80	34.21	0.48	n = 1.56 n = 1.54
	2	05232005_6	1000	7365	7399	7311	7344	7340	7351.80	29.21	0.40	
	3	05232005_7	1000	7386	7343	7291	7367	7369	7351.20	33.07	0.45	
	4	05232005_8	2000	5138	5145	5152	5158	5137	5146.00	8.07	0.16	
	5	05232005_9	2000	5104	5136	5083	5096	5086	5101.00	19.02	0.37	
	6	05232005_10	3000	4174	4190	4173	4191	4155	4176.60	13.22	0.32	
	7	05232005_11	3000	4152	4169	4144	4150	4150	4153.00	8.44	0.20	
	8	05232005_12	4000	3662	3597	3579	3607	3583	3605.60	29.92	0.83	
	9	05232005_13	4000	3613	3621	3593	3612	3585	3604.80	13.51	0.37	
	10	05232005_14	5000	3228	3269	3219	3230	3262	3241.60	19.99	0.62	
	11	05232005_15	5000	3270	3257	3209	3214	3220	3234.00	24.68	0.76	
DATA SET 2	12	05242005_1	5000	3255	3291	3252	3264	3264	3262.80	14.77	0.45	
	13	05242005_2	5000	4573	4494	4727	2631	2566	3798.20	982.63	25.87	REJECT - DI
	14	05242005_3	6000	3005	3079	2973	2997	3001	3011.00	35.78	1.19	
	15	05242005_4	6000	3088	2989	3078	3039	3029	3044.60	35.68	1.17	
	16	05242005_5	7000	2792	2822	2774	2798	2780	2793.20	16.71	0.60	
	17	05242005_6	7000	2778	2794	2764	2766	2777	2775.80	10.70	0.39	
	18	05242005_7	8000	2629	2635	2633	2621	2636	2630.80	5.46	0.21	
	19	05242005_8	8000	2644	2656	2647	2638	2643	2645.60	5.95	0.23	
	20	LLNL_6	8000	2693	2744	2733	2707	2701	2715.60	19.53	0.72	Si <110>
	21	LLNL_7	8000	2643	2711	2718	2744	2675	2698.20	35.32	1.31	Si <100>
22	LLNL_8	8000	2653	2688	2682	2681	2714	2683.60	19.44	0.72	Si <100>	
23	LLNL_9	8000	2691	2693	2667	2676	2674	2680.20	10.11	0.38	Si <100>	
DATA SET 3	24	06282005_1	8000	2525	2522	2565	2556	2604	2554.40	29.96	1.17	
	25	06282005_5	8000	2567	2571	2553	2575	2562	2565.60	7.63	0.30	
	26	06282005_4	8000	2573	2593	2582	2575	2576	2579.80	7.25	0.28	
DATA SET 4	27	06282005_3	8000	2546	2566	2541	2523	2564	2548.00	15.86	0.62	
	28	05242005_15	8000	2659	2664	2658	2651	2659	2658.20	4.17	0.16	
	29	05242005_16	8000	2648	2652	2650	2655	2648	2650.60	2.65	0.10	

