

R_a – average of image data without application of the surface height deviations measured from the mean plane.

N – number of ordered, equally spaced points along the trace, Z_j is the vertical distance from the mean line to the j^{th} data point.

R_q – root mean square average of height deviations taken from the mean image data plane.

compound	Spin coating parameters	R_a [nm] $R_a = \frac{1}{N} \sum_{j=1}^N Z_j $	R_q [nm] $R_q = \sqrt{\frac{\sum Z_j^2}{N}}$	max peak depth [nm]
[Cu(II)(1 <i>R</i> ,2 <i>R</i>)-(-)chxn(3,5 ^t bba)(hacphen)] (3a)				
1.6mg/20ml thf	1 min, 1000rpm	2.51	5.49	16.1
	30 s, 1500rpm	13	16	44
	1000rpm 60s (Si ⁱ PrOH)	1.58	4.82	10.7
	800rpm 60s	6.06	14.6	84
	800rpm 60s (Si ⁱ PrOH)	4.47	7.84	51.7
	1500 rpm 60 s (Si ⁱ PrOH)	5.92	11.5	123
	1500rpm 30s (Si ⁱ PrOH)	2.34	3.74	44
5.5mg/20ml thf	30 s, 800rpm	5.12	6.38	35.8
	30 s, 2000rpm	2.35	3.38	19.40
	30s, 1200rpm	9.05	5.61	39
	30s, 1500rpm	6.81	10.8	27.5
	30s, 1000rpm	4.37	9.02	20.2
	60s 1000rpm, 30s 1000rpm	1.17	1.83	32

saturated solution				
	2000rpm 30s	67.7	119	932 77.8
	1000rpm 1min	7.49	9.82	576 42.2
	1500rpm 1min	2.46	3.23	218
[Cu(II)(1 <i>R</i> ,2 <i>R</i>)-(-)chxn(3,5 ^t bba)(5-nba)] (1a) 6.3 mg/20ml thf				
	30s x2, 1000rpm	1.25	1.79	170 12.3
	30s x2, 900rpm	0.54	0.98	10.5 8.73
	30s x2, 1100rpm	0.66	1.26	88.9 11.4
saturated solution	1000rpm 5s	15.5	26.8	11.6
	1000rpm 8s	5.49	7.15	22.3
	2000rpm 4s	14,9	24,8	10.6
	3000rpm 4s	9.96	15.6	127
	2000rpm 8s	3.04	5.04	99
[Cu(II)(1 <i>R</i> ,2 <i>R</i>)-(-)chxn(3,5 ^t bba)(3-metoxba)] (2a) 6.6 mg/20ml thf				
	30sx2, 1000rpm	29.8	32.7	378 10.6
	30s x2, 900rpm	18.1	18.1	84.3

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