

Table 5.3: Experimental results of dishing evolution.

Pitch, λ (μm)	Linewidth, w (μm)	w/λ	Amount of Dishing at Different Duration (nm)					Rate of Dishing (nm/min)	Normalized Rate of Dishing
			3 min	3.5 min	4 min	5 min	6 min		
1	0.5	0.50	0	0	0	26.6	18.5	9.3	0.04
2	0.5	0.25	0	0	0	27.5	71.3	35.7	0.17
4	0.5	0.125	0	16.4	27.6	36.4	92.1	27.7	0.13
	2.0	0.50	0	26.7	13.6	30.8	34.2	9.4	0.04
10	0.5	0.05	0	12.3	34.5	42.0	154.0	46.7	0.22
50	0.5	0.01	0	0	0	112.4	228.2	114.1	0.54
	25.0	0.50	0	150.0	120.0	113.0	143.5	28.8	0.14
100	1.0	0.01	0	65.3	16.5	158.0	267.1	87.5	0.42
200	0.5	0.0025	0	0	0	215.7	284.5	142.5	0.68
	0.7	0.0035	0	0	0	254.7	359.5	179.8	0.86
	2.0	0.01	0	127.6	200.0	273.4	395.7	121.0	0.58
	5.0	0.025	0	225.0	123.3	546.3	786.5	259.1	1.23
	25.0	0.125	0	183.5	400.0	628.3	705.0	236.5	1.13
	100.0	0.5	0	200.0	215.0	364.5	445.5	135.9	0.65
500	5.0	0.01	0	243.8	398.0	847.5	878.5	292.3	1.39