

【 ST-407 】 thickness loss chart

· Chemical	: ST-407, 10% 용액	· 1mg = 1/1000g
· 시편 Size	: 100×50mm	· 1 $\mu$ m = 1/1000mm
· 온도 및 침적시간	: 40℃, 8hr	

		1hr dipping	2hr dipping	3hr dipping	4hr dipping	5hr dipping	6hr dipping	7hr dipping	8hr dipping
Iron(SS41) [비중 7.852]	weight before(mg)	33,152	33,122	33,098	33,076	33,052	33,028	33,008	32,988
	weight after(mg)	33,122	33,098	33,076	33,052	33,028	33,008	32,988	32,969
	loss weight(mg)	30	24	22	24	24	20	20	19
	thickness lost( $\mu$ m)	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.2
	ulative thickness los	0.4	0.7	1.0	1.3	1.6	1.8	2.1	2.3
SUS304 [비중 7.93]	weight before(mg)	36,726	36,725	36,725	36,725	36,724	36,724	36,724	36,724
	weight after(mg)	36,725	36,725	36,725	36,724	36,724	36,724	36,724	36,724
	loss weight(mg)	1	0	0	1	0	0	0	0
	thickness lost( $\mu$ m)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	ulative thickness los	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Al(A5052) [비중 2.68]	weight before(mg)	12,720	12,717	12,711	12,703	12,696	12,694	12,690	12,683
	weight after(mg)	12,717	12,711	12,703	12,696	12,694	12,690	12,683	12,679
	loss weight(mg)	3	6	8	7	2	4	7	4
	thickness lost( $\mu$ m)	0.1	0.2	0.3	0.3	0.1	0.1	0.3	0.1
	ulative thickness los	0.1	0.3	0.6	0.9	1.0	1.1	1.4	1.5
Copper [비중 8.9]	weight before(mg)	10,938	10,937	10,937	10,937	10,937	10,937	10,937	10,937
	weight after(mg)	10,937	10,937	10,937	10,937	10,937	10,937	10,937	10,937
	loss weight(mg)	1	0	0	0	0	0	0	0
	thickness lost( $\mu$ m)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	ulative thickness los	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Brass(6:4) [비중 8.4]	weight before(mg)	10,717	10,716	10,716	10,716	10,716	10,715	10,714	10,714
	weight after(mg)	10,716	10,716	10,716	10,716	10,715	10,714	10,714	10,714
	loss weight(mg)	1	0	0	0	1	1	0	0
	thickness lost( $\mu$ m)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	ulative thickness los	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1