

HASTELLOY[®] S alloy

Comparative Nitriding Resistance

1200°F for 168 Hours in NH₃

Alloy	Depth of Nitrided Layer		Nitrogen Absorption (mg/cm ²)
	mils	mm	
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230 [®]	1.2	0.03	0.7
600	1.3	0.03	0.8
S	1.1	0.03	1.3
214 [®]	1.5	0.04	1.5
800H	4.1	0.10	4.3
304 SS	8.4	0.21	9.8