



# AISI ステンレス鋼・耐熱鋼成分表

※弊社取扱鋼種について… ○ 常時取扱鋼種、△ 要相談、× 取扱い無し

鋼種	化学成分%									JIS規格	弊社取扱鋼種
	C	Mn	P	S	Si	Cr	Ni	Mo	その他		
201	≦0.15	5.50~7.50	≦0.060	≦0.030	≦1.00	16.00~18.00	3.50~5.50		N≦0.25	201	×
202	≦0.15	7.50~10.00	≦0.060	≦0.030	≦1.00	17.00~19.00	4.00~6.00		N≦0.25	202	×
205	0.12~0.25	14.00~15.50	≦0.060	≦0.030	≦1.00	16.50~18.00	1.00~1.75		N:0.32~0.40	—	×
301	≦0.15	≦2.00	≦0.045	≦0.030	≦1.00	16.00~18.00	6.00~8.00			301	×
302	≦0.15	≦2.00	≦0.045	≦0.030	≦1.00	17.00~19.00	8.00~10.00			302	○
302B	≦0.15	≦2.00	≦0.045	≦0.030	2.00~3.00	17.00~19.00	8.00~10.00			—	×
303	≦0.15	≦2.00	≦0.20	≧0.15	≦1.00	17.00~19.00	8.00~10.00	≦0.60※		303	×
303Cu	≦0.15	≦2.00	≦0.20	≦0.060	≦1.00	17.00~19.00	8.00~10.00		Se≧0.15	303Se	○
304	≦0.08	≦2.00	≦0.045	≦0.030	≦1.00	18.00~20.00	8.00~10.50			304	○
304L	≦0.030	≦2.00	≦0.045	≦0.030	≦1.00	18.00~20.00	8.00~12.00			304L	△
—	≦0.08	≦2.00	≦0.045	≦0.030	≦1.00	17.00~19.00	8.00~10.00		Cu:3.00~4.00	XM7	○
304N	≦0.08	≦2.00	≦0.045	≦0.030	≦1.00	18.00~20.00	8.00~10.50		N:0.10~0.16	—	○
305	≦0.12	≦2.00	≦0.045	≦0.030	≦1.00	17.00~19.00	10.50~13.00			305	×
308	≦0.08	≦2.00	≦0.045	≦0.030	≦1.00	19.00~21.00	10.00~12.00			308	△
309	≦0.20	≦2.00	≦0.045	≦0.030	≦1.00	22.00~24.00	12.00~15.00			SUH309	△
309S	≦0.08	≦2.00	≦0.045	≦0.030	≦1.00	22.00~24.00	12.00~15.00			309S	○
310	≦0.25	≦2.00	≦0.045	≦0.030	≦1.50	24.00~26.00	19.00~22.00			SUH310	△
310S	≦0.08	≦2.00	≦0.045	≦0.030	≦1.50	24.00~26.00	19.00~22.00			310S	○
314	≦0.25	≦2.00	≦0.045	≦0.030	1.50~3.00	23.00~26.00	19.00~22.00			—	○
316	≦0.08	≦2.00	≦0.045	≦0.030	≦1.00	16.00~18.00	10.00~14.00	2.00~3.00		316	○
316F	≦0.08	≦2.00	≦0.20	≧0.10	≦1.00	16.00~18.00	10.00~14.00	1.75~2.50		—	×
316L	≦0.030	≦2.00	≦0.045	≦0.030	≦1.00	16.00~18.00	10.00~14.00	2.00~3.00		316L	○
316N	≦0.08	≦2.00	≦0.045	≦0.030	≦1.00	16.00~18.00	10.00~14.00	2.00~3.00	N:0.10~0.16	—	×
317	≦0.08	≦2.00	≦0.045	≦0.030	≦1.00	18.00~20.00	11.00~15.00	3.00~4.00		317	△
317L	≦0.030	≦2.00	≦0.045	≦0.030	≦1.00	18.00~20.00	11.00~15.00	3.00~4.00		317L	○
321	≦0.08	≦2.00	≦0.045	≦0.030	≦1.00	17.00~19.00	9.00~12.00		Ti:5≧5XC%	321	○
329	≦0.10	≦2.00	≦0.040	≦0.030	≦1.00	25.00~30.00	3.00~6.00	1.00~2.00		329J <sub>1</sub>	×
330	≦0.08	≦2.00	≦0.040	≦0.030	0.75~1.50	17.00~20.00	34.00~37.00			SUH330	×
347	≦0.08	≦2.00	≦0.045	≦0.030	≦1.00	17.00~19.00	9.00~13.00		Nb+Ta≧10XC%	347	△
348	≦0.08	≦2.00	≦0.045	≦0.030	≦1.00	17.00~19.00	9.00~13.00		Nb+Ta≧10XC% Ta≦0.10Co≦0.20	—	×
384	≦0.08	≦2.00	≦0.045	≦0.030	≦1.00	15.00~17.00	17.00~19.00			384	×
403	≦0.15	≦1.00	≦0.040	≦0.030	≦0.50	11.50~13.00				403	×
405	≦0.08	≦1.00	≦0.040	≦0.030	≦1.00	11.50~14.50			Al:0.10~0.30	405	×
409	≦0.08	≦1.00	≦0.045	≦0.045	≦1.00	10.50~11.75			Ti:6XC%~0.75	SUH409	×
410	≦0.15	≦1.00	≦0.040	≦0.030	≦1.00	11.50~13.50				410	×
414	≦0.15	≦1.00	≦0.040	≦0.030	≦1.00	11.50~13.50	1.25~2.50			—	×
416	≦0.15	≦1.25	≦0.060	≧0.15	≦1.00	12.00~14.00		≦0.60※		416	×
416Se	≦0.15	≦1.25	≦0.060	≦0.060	≦1.00	12.00~14.00			Se≧0.15	—	×
420	>0.15	≦1.00	≦0.040	≦0.030	≦1.00	12.00~14.00				420J <sub>2</sub>	×
420F	>0.15	≦1.25	≦0.060	≧0.15	≦1.00	12.00~14.00		≦0.60※		420F	×
422	0.20~0.25	≦1.00	≦0.025	≦0.025	≦0.75	11.00~13.00	0.50~1.00	0.75~1.25	V:0.15~0.30 W:0.75~1.25	SUH616	×
429	≦0.12	≦1.00	≦0.040	≦0.030	≦1.00	14.00~16.00				429	×
430	≦0.12	≦1.00	≦0.040	≦0.030	≦1.00	16.00~18.00				430	○
430F	≦0.12	≦1.25	≦0.060	≧0.15	≦1.00	16.00~18.00		≦0.60※		430F	×
430FSe	≦0.12	≦1.25	≦0.060	≦0.060	≦1.00	16.00~18.00			Se≧0.15	—	×
431	≦0.20	≦1.00	≦0.040	≦0.030	≦1.00	15.00~17.00	1.25~2.50			431	×
434	≦0.12	≦1.00	≦0.040	≦0.030	≦1.00	16.00~18.00		0.75~1.25		434	△
436	≦0.12	≦1.00	≦0.040	≦0.030	≦1.00	16.00~18.00		0.75~1.25	Nb+Ta 5XC%~0.70	—	×
440A	0.60~0.75	≦1.00	≦0.040	≦0.030	≦1.00	16.00~18.00		≦0.75		440A	×
440B	0.75~0.95	≦1.00	≦0.040	≦0.030	≦1.00	16.00~18.00		0.75		440B	×
440C	0.95~1.20	≦1.00	≦0.040	≦0.030	≦1.00	16.00~18.00		≦0.75		440C	×
442	≦0.20	≦1.00	≦0.040	≦0.030	≦1.00	18.00~23.00		≦0.75		—	×
446	≦0.20	≦1.50	≦0.040	≦0.030	≦1.00	23.00~27.00			N≦0.25	SUH446	△
501	>0.10	≦1.00	≦0.040	≦0.030	≦1.00	4.00~6.00		0.40~0.65		—	×
502	≦0.10	≦1.00	≦0.040	≦0.030	≦1.00	4.00~6.00		0.40~0.65		—	×
—	≦0.07	≦1.00	≦0.040	≦0.030	≦1.00	15.50~17.50	3.00~5.00		Cu:3.00~5.00 Nb+Ta:0.15~0.45	630	△
—	≧0.09	≦1.00	≦0.040	≦0.040	≦1.00	16.00~18.00	6.50~7.75		Al:0.75~1.50	631	×

※製造者が任意に添加できる。