

Stainless Steel Chemical Composition

Grade	Chemical Composition								Others
	C	Si.	Mn	P (max)	S (max)	Ni	Cr	Mo	
TP 304	<=0.08	<=0.75	<=2.00	0.04	0.03	8.00~11.00	18.00~20.00	-	-
TP 304 H	0.04~ 0.10	<=0.75	<=2.00	0.04	0.03	8.00~11.00	18.00~20.00	-	-
TP 304 L	<=0.035	<=0.75	<=2.00	0.04	0.03	8.00~13.00	18.00~20.00	-	-
TP 304 N	<=0.08	<=0.75	<=2.00	0.04	0.03	8.00~11.00	18.00~20.00	-	N: 0.10~0.16
TP 304 LN	<=0.035	<=0.75	<=2.00	0.04	0.03	8.00~11.00	18.00~20.00	-	N: 0.10~0.16
TP 309	<=0.15	<=0.75	<=2.00	0.04	0.03	12.00~15.00	22.00~24.00	-	-
TP 310	<=0.15	<=0.75	<=2.00	0.04	0.03	19.00~22.00	24.00~26.00	-	-
TP 316	<=0.08	<=0.75	<=2.00	0.04	0.03	11.00~14.00	16.00~18.00	2.00~3.00	-
TP 316 H	0.04 <=0.10	<=0.75	<=2.00	0.04	0.03	11.00~14.00	16.00~18.00	2.00~3.00	-
TP 316 L	<=0.035	<=0.75	<=2.00	0.04	0.03	10.00~15.00	16.00~18.00	2.00~3.00	-
TP 316 N	<=0.08	<=0.75	<=2.00	0.04	0.03	11.00~14.00	16.00~18.00	2.00~3.00	N: 0.10~0.16
TP 316 LN	<=0.035	<=0.75	<=2.00	0.04	0.03	10.00~15.00	16.00~18.00	2.00~3.00	N: 0.10~0.16
TP 317	<=0.08	<=0.75	<=2.00	0.04	0.03	11.00~14.00	18.00~20.00	3.00~4.00	-
TP 321	<=0.08	<=0.75	<=2.00	0.04	0.03	9.00~13.00	17.00~20.00	-	Ti: 5 x C% ~ 0.70 ^B
TP 321 H	0.04~ 0.10	<=0.75	<=2.00	0.04	0.03	9.00~13.00	17.00~20.00	-	Ti: 4 x C% ~0.60
TP 347	<=0.08	<=0.75	<=2.00	0.04	0.03	9.00~13.00	17.00~20.00	-	Nb + Ta: 10 x C% ~1.00
TP 347 H	0.04~ 0.10	<=0.75	<=2.00	0.04	0.03	9.00~13.00	17.00~20.00	-	Nb +Ta: 8 XC% ~ 1.0
TP 405	<=0.08	<=0.75	<=1.00	0.04	0.03	<=0.50	11.5~13.5	-	Al: 0.10~0.30
TP 410	<=0.15	<=0.75	<=1.00	0.04	0.03	<=0.50	11.5~13.5	-	-
TP 429	<=0.12	<=0.75	<=1.00	0.04	0.03	<=0.50	14.00~16.00	-	-
TP 430	<=0.12	<=0.75	<=1.00	0.04	0.03	<=0.50	16.00~18.00	-	-
TP 443	<=0.20	<=0.75	<=1.00	0.04	0.03	<=0.50	18.00~23.10	-	Cu: 0.90~1.25
TP 446	<=0.20	<=0.75	<=1.50	0.04	0.03	<=0.50	23.00~30.00	-	N: 0.10~0.25
TP 329	<=0.089	<=0.75	<=1.00	0.04	0.03	2.50~5.00	23.00~28.00	1.00<=2.0	-
TP 409	<=0.089	<=1.00	<=1.00	0.045	0.05	<=0.50	10.50~11.75	-	Ti: 6xC% ~ 0.75
TP XM-8	<=0.07	<=1.00	<=1.00	0.04	0.03	<=0.50	17.00~19.00	-	Al: <=0.15
									Ti: 12xC% ~1.10
TP 316 Ti	<=0.08	<=0.75	<=2.00	0.04	0.03	11.00~14.00	16.00~18.00	2.00~3.00	Ti: 5xC% ~0.75