

Chemical Analyses - Stainless

Type	Carbon	Maganese	Phosphorus	Sulphur	Silicon	Chrome	Nickel	Molybdenum	Copper	Others
PH-13-8MO	.05	.10	.010	.008	.10	12.25/13.25	7.50/8.50	2.00/2.50		AL .90/1.35
15-5 PH	.07	1.00	.03	.015	1.00	14.00/15.5.00	3.50/5.50	.50	2.50/4.50	CB + TA 8xC Min./ .45 Max
15-7	.09	1.00	0.40	.030		14.00/16.00	6.50/7.75	2.00/3.00		AL .75/1.50
17-4 PH	.07	1.00	.04	.03	1.00	15.0/17.5	3.00/5.00		3/.5.	CB + TA .15/.45
17-7 PH	.09	1.00	.04	.04	1.00	16./18.	6.50/7.75			AL .75/1.50 CB + TA
Custom 455	.05	.50	.040	.030	.50	11./12.5	7.7/9.5	.50	1.5/2.5	.10/.50 Bal Fe
302	.15	2.00	.045	.03	1.00	17./19.	8./10.		.50	TI .90/1.40
303 S	.15	2.00	.20	.15 Min.	1.00	17./19.	8./10.	.60	.50	
303 SE	.15	2.00	.20	.06	1.00	17./19.	8./10.	.60		
304	.08	2.00	.045	.03	1.00	18./20.	8./12.	.50	.50	SE .15/.35
304 L	.03	2.00	.045	.03	1.00	18./20.	8./12.	.50	.50	
309	.08	2.00	.040	.03	1.00	22./24.	12./15.	.75	.50	
310	.08	2.00	.045	.03	.30/.80	24./26.	19./22.	.50	.50	
316	.08	2.00	.045	.03	1.00	16./18.	10./14.	2./3.	.50	
316 L	.03	1.25-2.00	.040	.03	1.00	16./18.	10./14.	2./3.	.75	
317	.08	2.00	.045	.03	1.00	18./20.	11./15.	3./4.		
317 L	.03	2.00	.045	.03	1.00	18./20.	11./15.	3./4.		
321	.08	2.00	.045	.03	1.00	17./19.	9./12.	.50	.50	
330	.08	2.00	.030	.03	.75/1.50	17./20.	34./37.	.75	.50	TI 5xC Min.
347	.08	2.00	.045	.03	1.00	17./19.	9./13.	.50	.50	SN .025 PB .025 Fe Bal
AM-355	.10/.15	.50/1.25	.04	.03	.50	15./16.	4./5.	2.5/3.25		CB + TA .10xC Min.
403	.15 Max.	1.00	.040	.030	.50 Max.	11.50/13.00	.75	.50	.50	N .07/.13
410	.15	1.00	.04	.03	1.00	11.5/13.5	.75	.50	.50	
416	.15	1.25	.06	.15 Min.	1.00	12./14.	.50	.60	.50	AL .05 SN .05 N .08
418 (Greek Ascoloy)	.15/.20	.50	.04	.03	.50	12./14.	1.8/2.2	.50	.50	W 2.5/3.5 SN .05 N .08
420	.15 Min.	1.00	.04	.03	1.00	12./14.	.50	.50	.50	
420 F	.30/.40	1.25	.06	.15/.35	1.00	12./14.	.50	.60		
430	.12	1.00	.04	.03	1.00	16./18.	.75	.50	.50	
430 F	.12	1.25	.06	.15/40	1.00	16./18.		.60		
431	.20	1.00	.04	.03	1.00	15./17.	1.25/2.50	.50	.50	
440 A	.60/.75	1.00	.04	.03	1.00	16./18.	.75	.75	.50	N .10
440 C	.95/1.20	1.00	.04	.03	1.00	16./18.	.75	.75	.50	
440 F Se	.95/1.20 .20	1.25	.040	.03	1.00	16./18.	.75	.40/.60	.50	
446	.04	1.5	.060	.03	1.00	23.0/27.0				SN .05 N .08 SE .15/.25
Nitronic 40	.06	8.0/10.0	.04	.030	1.00	19./21.5	5.5/7.5			N .25
Nitronic 50		4.0/6.0		.03	1.00	20.5/23.5	11.5/13.5	1.5/3.0		N .15/.40
Nitronic 60	.10									N .20/.40 CB .10/.30
20CB-3	.06	7.0/9.0	.035			16.0/18.0	8.0/9.0			V .10/.30
		2.00		.035	3.5/4.5 1.00	19./21.0	32.5/.35	2.0/3.0	3.0/4.0	N .08/.18 CB + TA 8xC Min./ 1.00 Max.