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## CHEMICAL COMPOSITION OF MONEL, HASTELLOY, INCOLY & INCONEL U.S.A. / GROSSBRITANNIE U.S.A. / GRANDE-BRETAGNE U.S.A. / GREAT BRITAIN

ANALYSIS	COMPOSITION												ANALYSIS
Handelsbezeichnung Designation Comercial Comercial designation	C%	Co%	Cr %	Mo%	Ni%	V%	W%	Ai%	Cu%	Nb/Cb Ta%	Ti%	Fe%	Sonstige Autres- Other%
Monel 400	0.12	-	-	-	65	-	-	-	32	-	-	1.5	Mn 1.0
Monel 401	0.1	-	-	-	43	-	-	-	53	-	-	0.75	Si 0.25; Mn 2.25
Monel 404	0.15	-	-	-	52.0-57.0	-	-	0.05	rest/bal	-	-	0.5	Mn 0.10; Si 0.10; S 0.024
Monel 502	0.1	-	-	-	63.0-17.0	-	-	2.5-3.5	rest/bal	-	0.5	2	Mn 1.5; Si 0.5; S 0.010
Monel K 500	0.13	-	-	-	64	-	-	2.8	30	-	0.6	1	Mn 0.8
Monel R 405	0.15	-	-	-	66	-	-	-	31	-	-	1.2	Mn 1.0; S 0.04
Hastelloy B	0.1	1.25	0.6	28	rest/bal	0.3	-	-	-	-	-	5.5	Mn 0.80; Si 0.70
Hastelloy B2	0.02	1	1	26.0-30.0	rest/bal	-	-	-	-	-	-	2	Mn 1.0; Si 0.10
Hastelloy C	0.07	1.25	16	17	rest/bal	0.3	40	-	-	-	-	5.75	Mn 1.0 ; Si 0.70
Hastelloy C4	0.015	2	14.0-18.0	14.0-17.0	rest/bal	-	-	-	-	-	0.70	3	Mn 1.0 ; Si 0.08
Hastelloy C 276	0.02	2.5	14.0-16.5	15.0-17.0	rest/bal	0.35	3.0-4.5	-	-	-	-	4.0-7.0	Mn 1.0; Si 0.05
Hastelloy F	0.02	1.25	22	6.5	rest/bal	-	0.5	-	-	Nb2.10	-	21	Mn 1.50; Si 0.50
Hastelloy G	0.05	2.5	21.0-23.5	5.5-7.5	rest/bal	-	1	-	1.5-2.5	Nb1.75-2.5	-	18.0-21.0	Mn 1.0-2.0; p0.04; Si 1.0; 80.03
Hastelloy G-2	0.03	-	23.0-26.0	5.0-7.0	47.0-52.0	-	-	-	0.70-1.20	-	0.70-1.50	rest/bal	Mn 1.0; Si 1.0
Hastelloy N	0.06	0.25	7	16.5	rest/bal	-	0.2	-	0.1	-	-	3	Mn 0.40; Si 0.25; B0.01
Hastelloy S	0.02	2	15.5	14.5	rest/bal	0.6	1	0.2	-	-	-	3	Mn 0.50; Si 0.40; B0.0009; LA 0.02
Hastelloy W	0.06	1.25	5	24.5	rest/bal	-	-	-	-	-	-	5.5	Mn 0.050 ; Si 0.50
Hastelloy X	0.1	1.5	22	9	rest/bal	-	0.6	-	-	-	18.5	-	Mn 0.6; Si 0.60
Incoloy 800	0.04	-	21	-	32	-	-	0.3	-	-	0.4	45	-
Incoloy 800 H	0.08	-	21	-	32	-	-	0.3	-	-	0.4	45	-
Incoloy 801	0.05	-	20.5	-	32	-	-	-	-	-	1.1	45	-
Incoloy 802	0.35	-	21	-	32	-	-	0.6	-	-	0.7	45	-
Incoloy 804	0.05	-	29.5	-	41	-	-	0.3	-	-	0.6	25.4	-
Incoloy 805	0.12	-	7.5	0.5	36	-	-	-	0.1	-	-	rest/bal	Mn 0.60; Si 0.50
Incoloy 810	0.25	-	21	-	32	-	-	-	0.5	-	-	rest/bal	Mn 0.90; Si 0.80
Incoloy 825	0.04	-	21	3	42	-	-	-	2	-	1	30	-

Incoloy 825 Cp	0.04	-	21.5	3	42	-	-	-	2.2	Nb0.9	-	30	-
Incoloy 840	0.08	-	20	-	20	-	-	-	-	-	-	rest/bal	Mn 1.0;Si 1.0
Incoloy 901	0.05	-	12.5	6	rest/bal	-	-	0.15	-	-	2.7	34	Mn 0.24;Si 0.12;B0.015
Incoloy 901 Mod	0.05	-	12.5	5.8	rest/bal	-	-	-	-	-	2.9	34	Mn 0.09;Si 0.08;B0.015
Incoloy 903	0.02	15	-	-	38	-	-	0.7	-	Nb 3.0	1.4	41	-
Incoloy 904	0.02	14	-	-	33	-	-	-	-	-	1.7	50	-
Incoloy DS	0.06	-	18	-	37	-	-	-	-	-	-	42	Mn 1.0; Si 2.3
Incoloy Ma 956	-	-	20	-	-	-	-	4.5	-	-	0.5	74.4	Y2.03 0.5
Incoloy 600	0.05	-	15.5	-	75	-	-	-	-	-	-	8	-
Incoloy 601	0.05	-	23	-	60	-	-	1.4	-	-	-	14	-
Incoloy 604	0.04	-	15.8	-	rest/bal	-	-	-	0.1	Nb 2.0	-	7.2	Mn 0.20; Si 0.20
Incoloy 610	0.2	-	15.5	-	rest/bal	-	-	-	0.5	Nb 1.0	-	9	Mn 0.90;Si 2.0
Incoloy 617	0.07	12.5	22.5	9	54	-	-	1	-	-	-	-	-
Incoloy 625	0.05	-	21.5	9	61	-	-	0.4	-	Nb 3.65	0.4	2.5	Mn 0.50; Si 0.50
Incoloy 671	0.05	-	48	-	51	-	-	-	-	-	0.35	-	-
Incoloy 700	0.12	28.5	15	3.75	46	-	-	3	0.05	-	2.2	0.7	Mn 0.10; Si 0.30
Incoloy 702	0.04	-	15.6	-	rest/bal	-	-	3.4	0.1	-	0.7	0.35	Mn 0.05; Si 0.20
Incoloy 705	0.3	-	15.5	-	rest/bal	-	-	-	0.5	-	-	8	Mn 0.90 ; Si 5.5