

Normal Nickel Alloy Grade Chemical Content

Grade	Alloy Name	Chemical Content														
		C	Mn	Si	P	S	Cr	Ni	Mo	Cu	Ti	Al	Fe	Co	V	W
N04400	Monel 400	≤0.3	≤2.0	≤0.5	≤0.3	≤0.024		≥63.0		28.0~34.0			≤2.5			
N02200	Alloy200	≤0.15	≤0.35	≤0.35		≤0.01		≥99.0		≤0.25			≤0.40			
N02201	Alloy201	≤0.02	≤0.35	≤0.35		≤0.01		≥99.0		≤0.25			≤0.40			
N06600	Inconel 600	≤0.15	≤1.0	≤0.5		≤0.015	14.0~17.0	≥72.0		≤0.5			6.0~10.0			
N08800	Incoloy 800	≤0.10	≤1.5	≤1.0		≤0.015	19.0~23.0	30.0~35.0		≤0.75	0.15~0.60	0.15~0.60	≥39.5			
N08825	Incoloy 825	≤0.05	≤1.0	≤0.5		≤0.03	19.5~23.5	38.0~46.0	2.5~3.5	1.5~3.0	0.6~1.2	≤0.2	≥22			
N08810	Incoloy 800H	0.05~0.10	≤1.5	≤1.0		≤0.015	19.0~23.0	30.0~35.0		≤0.75	0.15~0.60	0.15~0.60	≥39.5			
N08811	Incoloy 800HT	0.06~0.10	≤1.5	≤1.0		≤0.015	19.0~23.0	30.0~35.0		≤0.75	0.15~0.60	0.15~0.60	≥39.5			
N10001	Hastelloy B	≤0.05	≤1.0	≤1.0	≤0.04	≤0.03	≤1.0	58.0~70.0	26.0~30.0				4.0~6.0	≤2.5	0.2~0.4	
N10665	Hastelloy B-2	≤0.02	≤1.0	≤0.10	≤0.04	≤0.03	≤1.0	64.5~74.0	26.0~30.0				≤2.0	≤1.6		
N10276	Hastelloy C-276	≤0.010	≤1.0	≤0.08	≤0.04	≤0.03	14.5~16.5	51.0~63.5	15.0~17.0				4.0~7.0	≤2.5	≤0.35	3.0~4.5
N06022	Hastelloy C-22	≤0.015	≤0.50	≤0.08	≤0.02	≤0.02	20.0~22.5	50.5~63.0	12.5~14.5				2.0~6.0	≤2.5	≤0.35	2.5~3.5
N06455	Hastelloy C-4	≤0.015	≤1.0	≤0.08	≤0.04	≤0.03	14.0~18.0	58.5~72.0	14.0~17.0		≤0.70		≤3.0	≤2.0		
N06200	Hastelloy C-2000	≤0.010	≤0.50	≤0.080	≤0.025	≤0.010	22.0~24.0	51.0~62.0	15.0~17.0	1.3~1.9		≤0.50	≤3.0	≤2.00		
GH3030		≤0.12	≤0.7	≤0.8	≤0.03	≤0.02	19.0~22.0	74.5~81.0			0.15~0.35	≤0.15	≤1.5			
Grade	Alloy Name	C	Mn	Si	P	S	Cr	Ni	Mo	Cu	Ti	Al	Fe	Co	V	Nb+Ta
N06625	Inconel 625	≤0.10	≤0.50	≤0.50	≤0.015	≤0.015	20.0~23.0	≥58.0	8.0~10.0		≤0.40	≤0.40	≤5.0	≤1.0		3.15~4.15
N08020	Alloy 20cb3	≤0.07	≤2.00	≤1.00	≤0.045	≤0.045	19.00~21.00	32.0~38.00	2.00~3.00	3.00~4.00			30.0~44.0			8*C~0.40