SIDERINOX SpA

COMPARISON ANALYSIS OF CHEMICAL COMPOSITION IN CASTING FOR TYPE OF STEEL

STANDARD	QUALITAY		C% ≤	Mn% ≤	Si% ≤	P% max	S% ≤	Cr%	Ni%	Mo%	Ti%	N% ≤
UNI EN 10088-1	X5CrNi18-10	EN 1.4301	0.07	2.00	1.00	0.045	0.015	17.50 ÷ 19.50	8.00 ÷ 10.50	==	==	0,11
ASTM A240	TP 304		0.07	2.00	0.75	0.045	0.030	17.50 ÷ 19.50	8.00 ÷ 10.50	==	==	0.10
UNI EN 10088-1	X2CrNi19-11	EN 1.4306	0.030	2.00	1.00	0,045	0.015	18.00 ÷ 20.00	10.00 ÷ 12.00	==	==	0,11
ASTM A240	TP 304L		0.030	2.00	0.75	0.045	0.030	17.50 ÷ 19.50	8.00 ÷ 12.00	==	==	0.10
UNI EN 10088-1	X2CrNi18-9	EN 1.4307	0.030	2.00	1.00	0.045	0.015	17.50 ÷ 19.50	8.00 ÷ 10.50	==	==	0,11
ASTM A240	TP 304L		0.030	2.00	0.75	0.045	0.030	17.50 ÷ 19.50	8.00 ÷ 12.00	==	==	0.10
UNI EN 10088-1	X6CrNiTi18-10	EN 1.4541	0.08	2.00	1.00	0.045	0.015	17.00 ÷ 19.00	9.00 ÷ 12.00	==	Da 5xC a 0,70	==
ASTM A240	TP 321		0.08	2.00	0.75	0.045	0.030	17.00 ÷ 19.00	9.00 ÷ 12.00	==	5x (C+N) min. - 0,70 max	0.10
UNI EN 10088-1	X2CrNiMo17-12-2	EN 1.4404	0,03	2.00	1.00	0.045	0.015	16.50 ÷ 18.50	10.00 ÷ 13.00	2.00 - 2.50	==	0,11
ASTM A240	TP 316L		0.030	2.00	0.75	0.045	0.030	16.00 ÷ 18.00	10.00 ÷ 14.00	2.00 - 3.00	==	0.10
UNI EN 10088-1	X6CrNiMoTi17-12-2	EN 1.4571	0,08	2.00	1.00	0.045	0.015	16.50 ÷ 18.50	10.50 ÷ 13.50	2.00 - 2.50	Da 5xC a 0,70	==
ASTM A240	TP 316Ti		0.08	2.00	0.75	0.045	0.030	16.00 ÷ 18.00	10.00 ÷ 14.00	2.00 - 3.00	5x (C+N) min. - 0,70 max	0.10