



INSPECTION CERTIFICATE & MILL TEST REPORT (EN 10204-3.1)

DESCRIPTION OF GOOD(S)

MATERIAL	GRADE [1.4301]	ORIGIN	MELTING PROCESS	WEIGHT [kg]
Stainless Steel Sheet	304	Turkey	ASTM A240	4.500
CONDITION	SURFACE	SIZE [mm]	HEAT NUMBER	PIECES
Cold Rolled	2B	1,50x1250x2500	694435	120

CHEMICAL COMPOSITION

	C	Si	Mn	P	S	Cr	Mo	V	Ni	Cu	W	N						
Min	-	-	-	-	-	17,000	-	-	8,000	-	-	-						
Max	0,070	1,000	2,000	0,045	0,035	19,500	-	-	10,500	-	-	-						
Heat	0,026	0,42	1,41	0,031	0,005	18,149			8,325			0,076						

MECHANICAL PROPERTIES

MATERIAL TESTS

R _{max}	R _{p0.2}	Elongation	Reduction	Impact	Hardness	UT	MPI	IGC	SCI
[N/mm ²]	[N/mm ²]	[%]	Area of Z [%]	AK[J]	[HBW/BHN]	[%]	[HBW/BHN]	[%]	[%]
635,00	375,00	55,0	-	-	85	OK %100	OK %100	OK 100%	OK 100%

REMARKS

Materials confirms to;

Resistance intergranular corrosion against EN ISO 3651-2 verified: OK. No repair by welding at all product processes.
Material is free of RADIOACTIVE and MERCURY contaminations. Visual surface inspection performed: OK. SCI performed: OK. MPI & UT performed: OK.
COMPLYING WITH EN 10204 3.1, EN10028-7, ED2000 WNR, PED 2014/68/EU, ISO15156-1, ISO15156-3, NACE MR 0175, NACE MR 0103, AD2000 W2-AD2000 W10, ASTM A 240/A240M-ASME SA-240/SA-240M, ASTM A480/A480M-ASME SA480/SA480M, EN ISO 9445-2, EN ISO 3651/2-A, ASTM A262-E.
The material is produced according to the above mentioned grade and specification(s).



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