



INSPECTION CERTIFICATION

According to EN 10204 3.1

Client		Heat No.	6512	Date of Delivery	June 17,2023
Products	E71T-1M	Test No.	2306512	Date of Production	June 2023
Order no.	42502	Size	1.2mm(7332)	Date of Test	June 12,2023

All-weld-metal/Chemical analysis(%)-CO2/MIXED GAS

C	Si	Mn	P	S	Cr	Ni	Mo	V	Al	Ti+Zr	Cu
0.09	0.38	1.38	0.013	0.012	0.006	0.007	0.008	0.006	0.22	0.08	0.22

Welding conditions

Current type	DC-	Arc voltage(V)	low	Interpass temp.	150
Current(A)	low	Shielding Gas	No gas		

All-weld-metal mechanical properties

Tensile test

Test no.	Heat treatment	Tensile strength(MPa)	Yield Strength(MPa)	Elongation(%)
2306512	-	476	---	18

Impact test

Test no.	Notch type	Test temperature	Shielding Gas	Impact value(J)					Average
				1	2	3	4	5	
2306512	V	-40	Mixture	91	95	89	87	92	90.80

Radiography

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Bending test(Butt Weld)

OK

Hydrogen Test

7.8

We hereby certify that the product described above "complies with the term of the order" and conforms with the related international standards"

Standard no.: AWS A5.20 E71T-1

EN ISO 17632-A - T 42 4 R C / M 2 H10

GB/T10045 E501T-1 Brand no:YHE71T-1

Approvals: CCS-ABS-LR-CWB-TÜV-DB-CE-BV

Inspecting Department : QC Department

Inspector : YAJUN,ZHAO

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