



INSPECTION CERTIFICATION

According to EN 10204 3.1

Client		Heat No.	3512	Date of Delivery	March 20, 2023
Products	E71T-1M	Test No.	2303512	Date of Production	March, 2023
Order no.	42084	Size	1.2mm(7332)	Date of Test	March 15, 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	1.39	0.013	0.012	0.006	0.006	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(%)
103512	-	479	---	18

Impact test

Test no.	Notch type	Test temperature	Shielding Gas	Impact value(J)					Average
				1	2	3	4	5	
103512	V	-40	Mixture	91	88	89	91	92	90.20

Radiography	Bending test(Butt Weld)	Hydrogen Test
Π	OK	7.8



Standard no.: AWS A5.20 E71T-1

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

EN ISO 17632-A-T 462P C1 H10

Approvals: TÜV SÜD, DB, ABS, LR, KR, NK, CWB, DNV/GL, BV, CCS, RINA

0036

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DOP Ref.: Super 6 E71T-1 2021-001

EN13479:2017

CPR Certificate no.: 0036-CPR-S 128.2020.001

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

Inspecting Department : QC Department

Inspector : **Jeremy Packer**

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