



Micrographs
 Made on request 14, Gumpo and special services by
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Type: Inspection Certificate 3.1 EN 10204
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Number: 10521848972 Issued On: 22/11/2021
 Pages: 12/21

Customer:
 PL MARCEGAGLIA SPECIALTIES RAP
 VIA BRESCIANI 16
 46040 GAZZOLDO DEGLI IPPOLITI IT

Code: 000005560

Consignee:
 Thyssenkrupp Materials Poland S.A.
 Nowe Marzy
 86-134 Nowe Marzy PL

Delivery N°:
 Of
 Delivery note n°

8355129507
 22/11/2021
 2505003400

Quality Control
 O.M.D./O.M.L. S. Toceano
 Plant Of/Faif

Order N°:
 1591872167/170
 Grant Order
 ZAMOWIENIEZS2100

Description:
 TXQ012 40X40x1.5x6000 4307/304L Z

Test specification:
 Stainless steel grade: TP 304L 1.4307/1.4301 X2CrNi18-9/X5CrNi18-10
 Tolerances: EN10305-5 EN10219-2 ASTM A654

Welding process:
 HIGH FREQUENCY INDUCTION WELDING

Part Number:
 624/2021

RECEIVED
 6/24/2021

Item	Identification Nr	Heat	Quantity MTL	Quantity KG	Quantity PZZ	Remarks
1	21K2019025	0102164	486		81	BRUSHED
2	21K2019026	0102164	486		81	

Identification Nr	Chemical Type	C (%)		Si (%)		Mn (%)		P (%)		S (%)		Cr (%)		Ni (%)		N (%)	
		1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
21K2019025	RAW MATERIAL	0.22	0.03	3.60	1	1.690	0.045	0.310	0.015	18.100	17.5	8.050	18.5	8.050	10.5	0.0640	0.11
21K2019026	RAW MATERIAL	0.22	0.03	3.80	1	1.680	0.045	0.310	0.015	18.100	17.5	8.050	18.5	8.050	10.5	0.0640	0.11

Identification Nr	Type of mechanical test	Rp 0.2 [MPa]		Rp 1.0 [MPa]		Rm [MPa]		A5 (%)	
		220	220	250	250	520	520	47	50
21K2019025	TUBE	282	282	312	312	578	578	47.6	47.6
21K2019026	TUBE	282	282	312	312	578	578	47.6	47.6

NON DESTRUCTIVE TESTS
 AUTOMATIC TEST CONFORM
 VISUAL INSPECTION AND DIMENSIONAL CONTROLS CONFORM

DESTRUCTIVE TESTS
 PATTERNING TEST ACCORDING TO EN ISO 1402001 CONFORM
 TENSILE TEST ACCORDING TO EN ISO 6893-1:2009

Remarks:
 THE CHEMICAL COMPOSITION REFERS TO THE RAW MATERIAL USED ACCORDING TO EN 10204-1 AND 10204-2



Handwritten signature and text:
 P. Popovici
 11/11/2021