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TOLAS UAB

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Inspection certificate 3.1

as per : EN 10204
No. : 2025-2031023191-90-713291-014
Rev. 1

PO no.	E-Mail	of	04.02.2025
Order no.	1031020335		
Delivery note/pos./split	2031023191/000000/000090	of	06.02.2025

Product	GMAW wire electrode
Trade name	**BÖHLER Q G 3**
Standard designation	EN ISO 14341 -A - G 42 3 M21 3Si1 / G 38 2 C1 3Si1 AWS A5.18: ER70S-6

Dimension	1,2 mm	1273331
Heat no.	713291	71902
Quantity	180,0 KG	3U10B11G 0025

Chemical composition in % of the product

C	Si	Mn	P	S	Cr	Mo	Ni	V	Cu	Ti	Al	Zr		
0,07	0,84	1,41	0,012	0,014	0,03	< 0,01	0,01	< 0,01	0,07	0,01	< 0,01	< 0,01		

Mechanical properties **EN 10204: 2.2**

Tensile test — according to : EN ISO 6892-1
Specimen preparation — according to : EN ISO 5178

T	ReL / Rp 0,2 MPa	Rp 1,0 MPa	Rm MPa	A (Lo = 5d) %	Z %	WBH PWHT	Remarks
20°C	≥ 420		500 - 640	≥ 20			M21

Impact test — according to : EN ISO 148-1
Specimen preparation — according to : EN ISO 9016 VWT 0/b

T	Impact energy KV / J	Average KV / J	Lateral expansion mm	Shear fracture %	WBH PWHT	Remarks
-30°C	≥ 47					M21

The product BÖHLER Q G 3 meets the requirements of the filler metal specification ASME sec II, part C, AWS A5.18: ER70S-6 when tested in accordance with that specification. Produced according to AWS A5.01, class S1

Town: Kapfenberg
Date: 12.02.2025

This certificate was issued by DP-equipment and does not require signature.

Authorized representative
Kahofer

voestalpine
ONE STEP AHEAD.