



Issued Date: 2025-07-01

Certificate number: EC27918160 rev. 0

Our order: 0101301266  
Our reference: Piroska Bausz  
Customer number: IEB00047  
Customer order date: 20250625

Your order: POR27356  
Your reference:  
Your fax number:  
Your e-mail:

Invoice address  
OXY ARC LIMITED  
INDUSTRIAL ESTATE  
COES ROAD  
IRD 002 CO. LOUTH  
Ireland

Receiver of certificate

Delivery address  
OXY ARC LIMITED  
IND EST, COES ROAD  
DUNDALK  
IRD 002 DUNDALK  
Ireland

DELIVERY Lot number: PVZ2212484

**PRODUCT**

Brand: ESAB  
Description: OK Autrod 316LSi 1.0mm 15kg  
Item number: 1632109820  
Heat number: E250071  
Quantity: 56 RL

**CHEMICAL ANALYSIS**

Actual results: acc to EN 10204 - 3.1

Wire/strip	
C	0.01%
Si	0.9%
Mn	1.6%
P	0.023%
S	0.016%
Cr	18.3%
Ni	12.0%
Mo	2.5%
Cu	0.1%
FN WRC-92	6

**CLASSIFICATIONS**

EN ISO 14343-A: G 19 12 3 L Si  
SFA/AWS A5.9: ER316LSi  
Werkstoffnummer: ~1.4430

**MECHANICAL PROPERTIES**

Typical data: acc to EN 10204 – 2.2

**Tensile**

Standard	Shielding Gas	Condition	Rp0.2 [MPa/ksi]	Rm [MPa/ksi]	A5 [%]
EN ISO	M12	As welded	400/58	560/81	37

**Impact**

Standard	Shielding Gas	Condition	Temp [°C/°F]	KV[J/ft-lb]	LE [mm/mils]
EN ISO	M12	As welded	+20/68	120/89	Not Available
EN ISO	M12	As welded	-60/-76	95/70	Not Available
EN ISO	M12	As welded	-110/-166	70/52	Not Available
EN ISO	M12	As welded	-196/-321	45/33	0.42/17

A4, A5 = Elongation  
ReH = Upper Yield Point  
ReL = Lower Yield Point  
Rm = Ultimate Tensile Strength  
Rp0.2 = Yield Strength 0.2 offset  
Rp1.0 = Yield Strength 1.0 offset

**COMMENTS**

Product supplied under a QA Programme fulfilling the EN ISO 9001 standard.  
This certificate is produced electronically.  
Please refer any queries to:  
ESAB Group (UK) Ltd, Warlies Park House Horseshoe Hill, Upshire, Essex, EN9 3SL +44 1992-768515

**Validation**

Josef Moravek

Quality Manager

Per Ake Bjornstedt, Paolo Torchiana

Product Manager, Product Manager