



Issued Date: 2024-05-23

Certificate number: EC27531668 rev. 0

Our order: 0101027956  
Our reference: HYBRIS PRD account  
Customer number: IEB00047  
Customer order date: 20240520

Your order: 25637  
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: PVY1611502 Quantity: 20 PK

**PRODUCT**

Brand: ESAB  
Description: OK Tigrod 316L 2.4x1000mm 5kg  
Item number: 163024R150  
Heat number: E240376  
Quantity: 20 PK

**CHEMICAL ANALYSIS**

Actual results: acc to EN 10204 - 3.1

Wire/strip	
C	0.01%
Si	0.4%
Mn	1.5%
P	0.02%
S	0.01%
Cr	18%
Ni	12%
Mo	2.6%
Nb	0.01%
Cu	0.1%
N	0.04%
FN WRC-92	8

**CLASSIFICATIONS**

EN ISO 14343-A: W 19 12 3 L  
SFA/AWS A5.9: ER316L  
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]	A4 [%]
AWS	I1	As Welded	470/68	600/87	32

**Impact**

Standard	Shielding Gas	Condition	Temp [°C/°F]	KV[J/ft-lb]
AWS	I1	As Welded	+20/68	175/129
AWS	I1	As Welded	-60/-76	130/96
AWS	I1	As Welded	-110/-166	120/89
AWS	I1	As Welded	-196/-321	75/55

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

Product Manager