



KEURINGSRAPPORT (3.1) - Chemische samenstelling  
FABRIEKS CONTROLE ATTEST (2.2) - Mechanische eigenschappen/  
INSPECTION CERTIFICATE (3.1) - Chemical analysis  
TEST REPORT (2.2) - Mechanical properties

Datum/Date: 2019-11-21

Certificaat nummer/Cert no:

EC25829508 rev. 0

ESAB ordernummer/Our order: 2384630

Ordernummer/Your order: 20031571739

ESAB referentie/Our ref: EnikPts Fekete

Referentie/Your ref:

Klantnummer/Cust no: NLB00033

Faxnummer/Your fax:

Orderdatum/Your date: 20191121

E-mail adres/Your e-mail:

Faktuuradres/Invoice address

ZEVIJ BV LASAULEC HEERENVEEN  
POSTBUS 447  
4900 AK OOSTERHOUT  
Netherlands

Verzendadres certificaten/Cert receiver

Afleveradres/Delivery address

LASAULEC HEERENVEEN  
KUPER 4  
LIDNR 403  
8447 GK HEERENVEEN  
Netherlands

LEVERING/DELIVERY

Lotnummer/Lot no:

ZG8461346

Hoeveelheid/Quantity:

56 CT

**PRODUCT/PRODUCT**

Merk/Brand: ESAB

Omschrijving/Desc: OK Autrod 12.51 1.2mm 18kg

Artikelnummer/Item no: 1251127710

**CHEMISCHE SAMENSTELLING/  
CHEMICAL COMPOSITION**

**Actual results: acc to EN 10204 - 3.1**

Wire/strip

Overige/Auxiliary:

|       |         |
|-------|---------|
| C     | 0.07%   |
| Si    | 0.91%   |
| Mn    | 1.52%   |
| P     | 0.013%  |
| S     | 0.007%  |
| Cr    | 0.03%   |
| Ni    | 0.03%   |
| Mo    | 0.02%   |
| Cu    | 0.02%   |
| Al    | < 0.01% |
| Ti+Zr | 0.01%   |

**CLASSIFICATIES/CLASSIFICATIONS**

EN ISO 14341-A: G 3Si1

EN ISO 14341-A: G 38 3 C1 3Si1

EN ISO 14341-A: G 42 4 M20 3Si1

EN ISO 14341-A: G 42 4 M21 3Si1

SFA/AWS A5.18: ER70S-6

CSA W48: B-G 49A 3 C1 S6

JIS Z 3312: YGW 12(C1)

**MECHANISCHE EIGENSCHAPPEN/MECHANICAL PROPERTIES**

**Typical data: acc to EN 10204 - 2.2**

Norm/Standard: EN

Overige/Auxiliary: M21 (EN ISO 14175)

Toestand/Condition: As Welded

**TREKPROEF/TENSILE**

ReL Rm A4-A5

470 MPa 560 MPa 26 %

**KERFSLAGWAARDE/IMPACT**

Temp +20 °C -20 °C -30 °C -40 °C

KV 130 J 120 J 100 J 90 J

**OPMERKINGEN/COMMENTS**

Product geleverd volgens een QA systeem welke voldoet aan de ISO 9001 norm.

Dit certificaat is elektronisch aangemaakt en geldig zonder ondertekening.

Voor vragen:

**Esab Nederland BV - P.O. Box 2236 , 3800 CE Amersfoort , Nederland**

Product supplied under a QA Programme fulfilling the EN ISO 9001 standard.

This certificate is produced electronically and is valid without signature.

Please refer any queries to: (see above)

Validation - Chemical Analysis

Eric Ding

Quality Manager

Validation - Others

Jose Abal Lopez,H. Rasmuson

Product Manager,