



Inspectiecertificaat (3.1) - Chemische analyse
Testrapport (2.2) - Mechanische eigenschappen
INSPECTION CERTIFICATE (3.1) - Chemical analysis
TEST REPORT (2.2) - Mechanical properties

Datum/Date: 2023-06-29

Certificaat nummer/Cert no: EC27203200 rev. 0

ESAB ordernummer/Our order: 0100805001
ESAB referentie/Our ref: M3PRD020
Klantnummer/Cust no: NLB00033
Orderdatum/Your date: 20230629

Ordernummer/Your order: 20031815702
Referentie/Your ref:
Faxnummer/Your fax:
E-mail adres/Your e-mail:

Faktuuraadres/Invoice address
ZEVU BV LASAULEC HEERENVEEN
POSTBUS 447
4900 AK OOSTERHOUT
Netherlands

Verzendadres certificaten/Cert receiver

Afleveradres/Delivery address
Lasaulec Heerenveen
Kuper 4
HEERENVEEN
8447 GK HEERENVEEN
Netherlands

LEVERING/DELIVERY

Lotnummer/Lot no:

PVX1910900

Hoeveelheid/Quantity: 56 CT

PRODUCT/PRODUCT

Merk/Brand: ESAB
Omschrijving/Desc: Coreweld 46 LS 1.2mm 16kg
Artikelnummer/Item no: 35LS127730
Hoeveelheid/Quantity: 56 CT

CHEMISCHE SAMENSTELLING/CHEMICAL ANALYSIS

Actual results: acc to EN 10204 - 3.1

All weld metal

Shielding Gas: M20 (EN ISO 141

C	0.04%
Si	0.62%
Mn	1.17%
P	0.010%
S	0.023%
Cr	0.04%
Ni	0.42%
Mo	0.02%
Nb	< 0.01%
Cu	0.02%
V	< 0.01%

CLASSIFICATIES/CLASSIFICATIONS

SFA/AWS A5.18: E70C-6M H4
EN ISO 17632-A: T 46 4 M M20 2 H5
EN ISO 17632-A: T 46 4 M M21 2 H5

MECHANISCHE EIGENSCHAPPEN/MECHANICAL PROPS

Typical data: acc to EN 10204 - 2.2

Tensile

Standard	Shielding Gas	Condition	Rp0.2 [MPa/ksi]	Rm [MPa/ksi]	A5 [%]
EN ISO	M20 (EN ISO 14175)	As welded	485/70	545/79	29

Impact

Standard	Shielding Gas	Condition	Temp [°C/°F]	KV[J/ft-lb]
EN ISO	M20 (EN ISO 14175)	As welded	-40/-40	72/53

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

OPMERKINGEN/COMMENTS

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

Dit certificaat is elektronisch aangemaakt.

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.

Please refer any queries to: (see above)

Geldigheid/Validation

Josef Moravek

Quality Manager

Neil Farrow

Product Manager