



Inspection Certificate
EN 10204 Type 3.1 / 2.2 (Mechanical)

Delivery note No:

80189167

Customer:

Österbergs Industrihandel AB
Bråsgatan 1
SE-65221 Karlstad

Order No:

693015

Quantity delivered:

22 500,00 KG

WZ22S/74392500/230906/80189167-10

Part No: 74392500

Product: CROMAROD 309L 2,5x300 mm

Batch No: 230906

Data Sheet rev.: 24

Specification

EN ISO 3581-A:E 23 12 L R 12

AWS A5.4:E 309L-17

All-weld metal chemical composition, wt.%

| C | Si | Mn | P | S | Cr | Ni | Co | Mo | Cu | V |
|-------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|
| 0,020 | 0,959 | 0,820 | 0,018 | 0,018 | 23,040 | 13,224 | 0,036 | 0,067 | 0,030 | 0,050 |
| Nb | N | Al | Ti | W | Fe | Mg | Zn | Be | FN | |
| 0,020 | 0,068 | - | - | - | - | - | - | - | 8 | |

FN = Ferrite number, measured with feritscope MP-3

Mechanical properties - All-weld metal.

| Yield Strength MPa | Tensile Strength MPa | Elongation A5% | Impact value average J | Test temp. °C |
|-----------------------|-------------------------|-------------------|------------------------------|------------------|
| 470 | 560 | 34 | 48 | -20 |

We hereby certify that the material described above has been tested and complies with the terms of the order contract.

Approved by Karin Ivarsson, QC-manager at ITW Welding AB

Date: 2023-03-07

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