



Inspection Certificate
EN 10204 Type 3.1 / 2.2 (Mechanical)

Delivery note No:

80214571

Customer:

Österbergs Industrihandel AB
Brisgatan 1
SE-65221 Karlstad

Order No:

713095

Quantity delivered:

73 500,00 KG

WZ22S/74433200/234205/80214571-10

Part No: 74433200

Product: Cromarod 316LP 3,2x350 mm

Batch No: 234205

Data Sheet rev.: 27

Specification

EN ISO 3581-A:E 19 12 3 L R 11

AWS A5.4:E 316L-17

All-weld metal chemical composition, wt.%

| C | Si | Mn | P | S | Cr | Ni | Co | Mo | Cu | V |
|-------|-------|-------|-------|-------|--------|--------|----|-------|-------|-------|
| 0,014 | 0,744 | 0,830 | 0,014 | 0,005 | 18,549 | 12,068 | - | 2,616 | 0,050 | 0,060 |
| Nb | N | Al | Ti | W | Fe | Mg | Zn | Be | FN | |
| 0,022 | 0,051 | - | - | - | - | - | - | - | 7 | |

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 |
|-----------------------|-------------------------|-------------------|------------------------------|------------------|
| 480 | 580 | 32 | 60 | +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: 2023-10-20

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