



**Inspection Certificate**  
**EN 10204 Type 3.1 / 2.2 (Mechanical)**

Delivery note No:

80221125

Customer:

Österbergs Industrihandel AB  
Brisgatan 1

Order No:

719638

Quantity delivered:

SE-65221 Karlstad  
153 600,00 KG

WZ22S/74292504/240707/80221125-20

Part No: 74292504

Product: Cromarod 308LP 2,5x300 mm

Batch No: 240707

Data Sheet rev.: 11

Specification

EN ISO 3581-A:E 19 9 L R 11

AWS A5.4:E 308L-17

**All-weld metal chemical composition, wt.%**

| C     | Si    | Mn    | P     | S     | Cr     | Ni    | Co | Mo    | Cu    | V     |
|-------|-------|-------|-------|-------|--------|-------|----|-------|-------|-------|
| 0,020 | 0,668 | 0,600 | 0,016 | 0,010 | 19,521 | 9,422 | -  | 0,009 | 0,040 | 0,050 |
| Nb    | N     | Al    | Ti    | W     | Fe     | Mg    | Zn | Be    | FN    |       |
| 0,018 | 0,066 | -     | -     | -     | -      | -     | -  | -     | 4     |       |

FN = Ferrite number, measured with feritscope MP-3

**Mechanical properties - All-weld metal.**

| Yield Strength<br>MPa | Tensile Strength<br>MPa | Elongation<br>A5% | Impact value<br>average<br>J | Test temp.<br>°C |
|-----------------------|-------------------------|-------------------|------------------------------|------------------|
| 450                   | 580                     | 40                | 50                           | -60              |

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

*Approved by Yad Lundbäck, Quality Manager at ITW Welding AB*

Date: 2024-02-19

This document was generated electronically and is valid without signature

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