

ÖSTERBERGS INDUSTRIHANDEL AB

Inspection certificate 3.1

BOX 5240
65005 KARLSTAD
Sweden

as per : EN 10204
No. : 2019-2041313328-10-103467-014
Rev. 0 Page 1 of 1

| | | | |
|---------------------------|---|----|------------------|
| PO no. | 598305 + 598454 | of | 04.11.2019 |
| Order no. | 1041083263 | | |
| Delivery note/pos./splitt | 2041313328/000000/000010 | of | 28.11.2019 |
| Product | GTAW rod/wire | | 261089 |
| Trade name | AVESTA P5 | | 74326 |
| Standard designation | EN ISO 14343-A: W 23 12 2 L AWS A5.9: ER309LMo(mod.) | | 1SEAA00W 0415 |
| Dimension | GTAW 2,4 x 1000 mm | | |
| Heat no. | 103467 | | |
| Quantity | 10,0 KG | | |

Chemical composition in % of the product

| | | | | | | | | | | | | | | |
|--------|------|-----|-------|-------|------|-----|------|-----|--|--|--|--|--|--|
| C | Si | Mn | P | S | Cr | Mo | Ni | Cu | | | | | | |
| < 0,01 | 0,37 | 1,4 | 0,020 | 0,003 | 21,4 | 2,6 | 14,7 | 0,1 | | | | | | |

Mechanical properties

EN 10204 - 2.2

| | | | | | | | |
|--------------|-------------------------|-------------------|-------------------------|---------------------|-------------|-------------|---------|
| Tensile test | | | | | | | |
| T | ReL / Rp 0,2 MPa | Rp 1,0 MPa | Rm MPa | A (Lo = 5d) % | Z % | WBH PWHT | Remarks |
| 20°C | ≥ 450 | ≥ 500 | ≥ 620 | ≥ 28 | | | |
| Impact test | | | | | | | |
| T | Impact energy KV / J | Average KV / J | Lateral expansion mm | Shear fracture % | WBH PWHT | Remarks | |
| 20°C | ≥ 55 | | | | | | |

WRC 92: 10 FN

Town
Avesta

Date
28.11.2019

This certificate was issued by DP-equipment and does not require signature.

Authorized representative
Lars-Åke Bylund