

ÖSTERBERGS INDUSTRIHANDEL AB

Inspection certificate 3.1

BOX 5240
 65005 KARLSTAD
 Sweden

as per : EN 10204
 No. : 2024-2041325929-60-107526-014
 Rev. 0 Page 1 of 1

| | | | |
|--------------------------|---|----|------------------|
| PO no. | 0000680388/718537 | of | 18.03.2024 |
| Order no. | 1041092518 | | |
| Delivery note/pos./split | 2041325929/000000/000060 | of | 18.03.2024 |
| Product | GMAW wire electrode | | |
| Trade name | Thermanit 22/09 | | |
| Standard designation | EN ISO 14343-A - G 22 9 3 N L AWS A5.9: ER2209 | | |
| Dimension | 1,0 mm | | 261089 |
| Heat no. | 107526 | | 18100 |
| Quantity | 90,0 KG | | 1SC1A10G 0015 |

Chemical composition in % of the product

| | | | | | | | | | | | | | | |
|------|-----|-----|-------|-------|------|-----|-----|-------|------|--|--|--|--|--|
| C | Si | Mn | P | S | Cr | Mo | Ni | Cu | N | | | | | |
| 0,01 | 0,4 | 1,4 | 0,019 | 0,001 | 23,0 | 3,2 | 8,5 | < 0,1 | 0,17 | | | | | |

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 | ≥ 510 | ≥ 550 | ≥ 700 | ≥ 25 | | | |
| Impact test | | | | | | | |
| T | Impact energy KV / J | Average KV / J | Lateral expansion mm | Shear fracture % | WBH PWHT | Remarks | |
| 20°C | ≥ 70 | | | | | | |

Town
 Avesta

Date
 18.03.2024

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

Authorized representative
 Lidstroem