

ÖSTERBERGS INDUSTRIHANDEL AB

**Inspection certificate 3.1**

BOX 5240  
 65005 KARLSTAD  
 Sweden

as per : EN 10204  
 No. : 2024-2041327088-10-107623-014  
 Rev. 0 Page 1 of 1

|                          |   |    |                  |
|--------------------------|---|----|------------------|
| PO no.                   | 0000723288/734226                                   | of | 19.09.2024       |
| Order no.                | 1041093367  |    |                  |
| Delivery note/pos./split | 2041327088/000000/000010                            | of | 19.09.2024       |
| Product                  | GTAW rod/wire                                       |    |                  |
| Trade name               | <b>Thermanit 309L Si</b>                            |    |                  |
| Standard designation     | EN ISO 14343-A - W 23 12 L Si<br>AWS A5.9: ER309LSi |    |                  |
| Dimension                | 1,6 x 1000 mm                                       |    | 261089           |
| Heat no.                 | 107623  |    | 73549            |
| Quantity                 | 40,0 KG   |    | 15E7A00W<br>0015 |

**Chemical composition in % of the product**

|      |     |     |       |       |      |       |      |     |  |  |  |  |  |  |
|------|-----|-----|-------|-------|------|-------|------|-----|--|--|--|--|--|--|
| C    | Si  | Mn  | P     | S     | Cr   | Mo    | Ni   | Cu  |  |  |  |  |  |  |
| 0,01 | 0,9 | 1,6 | 0,024 | 0,003 | 23,2 | < 0,1 | 13,3 | 0,1 |  |  |  |  |  |  |

**Mechanical properties**

**EN 10204 - 2.2**

|              |                         |                   |                         |                     |             |             |         |
|--------------|-------------------------|-------------------|-------------------------|---------------------|-------------|-------------|---------|
| Tensile test |                         |                   |                         |                     |             |             |         |
| T            | ReL / Rp 0,2<br>MPa     | Rp 1,0<br>MPa     | Rm<br>MPa               | A (Lo = 5d)<br>%    | Z<br>%      | WBH<br>PWHT | Remarks |
| 20°C         | ≥ 400                   | ≥ 430             | ≥ 550                   | ≥ 30                |             |             |         |
| Impact test  |                         |                   |                         |                     |             |             |         |
| T            | Impact energy<br>KV / J | Average<br>KV / J | Lateral expansion<br>mm | Shear fracture<br>% | WBH<br>PWHT | Remarks     |         |
| 20°C         | ≥ 55                    |                   |                         |                     |             |             |         |

WRC 92: 11 FN

Town  
Avesta

Date  
19.09.2024

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

Authorized representative  
Lidstroem