

ÖSTERBERGS INDUSTRIHANDEL AB

## Inspection certificate 3.1

BOX 5240  
65005 KARLSTAD  
Sweden

as per : EN 10204

No. : 2025-2041328076-20-107683-014

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|                          |  |    |                  |
|--------------------------|--|----|------------------|
| PO no.                   | 0000757494/747904  | of | 12.02.2025       |
| Order no.                | 1041093987   |    |                  |
| Delivery note/pos./split | 2041328076/000000/000020                                 | of | 12.02.2025       |
| Product                  | GTAW rod/wire  |    |                  |
| Trade name               | <b>Thermanit 309L Mo</b>                                 |    |                  |
| Standard designation     | EN ISO 14343-A - W 23 12 2 L<br>AWS A5.9: ER309LMo(mod.) |    |                  |
| Dimension                | 2,0 x 1000 mm  |    | 261089           |
| Heat no.                 | 107683   |    | 72782            |
| Quantity                 | 20,0 KG  |    | 15EAA00W<br>0015 |

## Chemical composition in % of the product

| C      | Si   | Mn  | P     | S     | Cr   | Mo  | Ni   | Cu  |  |  |  |  |  |  |
|--------|------|-----|-------|-------|------|-----|------|-----|--|--|--|--|--|--|
| < 0,01 | 0,38 | 1,4 | 0,023 | 0,002 | 21,4 | 2,6 | 14,9 | 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         | ≥ 350                   |                   | ≥ 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     |         |
| -40°C        | ≥ 60                    |                   |                         |                     |             |             |         |
| 20°C         | ≥ 80                    |                   |                         |                     |             |             |         |

WRC 92: 9 FN

Town  
AvestaDate  
27.02.2025

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

Authorized representative  
Lidstroem