

## NJSB Tag No. 1575

Inspection certificate  
EN 10204-3.1

Certificate No.  
415120/1

Our Reference No. Pos.  
518672 5



Stempel des  
Abnahmebeauftragten  
Inspectors Stamp

Heat No.  
31740

|                   |                       |
|-------------------|-----------------------|
| Melting process   | Electric steel        |
| Casting method    | Ingot casting         |
| Material Grade    | 52100                 |
| Steel gr.no.      | 3505                  |
| Production order  | 4391967               |
| Shipment no./Date | 6021771738/16.12.2022 |
| Invoice No./Date  | 6035012016/20.12.2022 |

Material description : Hot rolled strip skin passed

Customer Order-No. : PO246

Specification : Chemistry:

C: 0.93 - 1.05 %  
Si: 0.15 - 0.35 %  
Mn: 0.25 - 0.45 %  
P: max. 0.025 %  
S: max. 0.015 %  
Cr: 1.35 - 1.60 %  
Mo: max. 0.10 %

Dimension : 6,730 x 406,400 mm (.265 x 16")  
thickness tolerance +0,060 /-0,060 mm (+/- .0024")  
width tolerance +4,200 mm (+.165/-0")  
length 1.224,500 mm (48.2") +12,000 mm (+.47")

Chemistry Analysis (% - H [Hydrogen] in ppm)

|       |          |           |           |          |          |           |           |
|-------|----------|-----------|-----------|----------|----------|-----------|-----------|
| 31740 | <b>C</b> | <b>Si</b> | <b>Mn</b> | <b>P</b> | <b>S</b> | <b>Cr</b> | <b>Mo</b> |
|       | 0.965    | 0.207     | 0.299     | 0.0033   | 0.0010   | 1.462     | 0.056     |

We confirm, the material contains no radioactive contamination, that exceeds the natural values. The relevant legal requirements are kept.

Certificate is prepared by EDP-System and is valid without signature.

We hereby certify, the above mentioned material is in accordance with the terms of the order.

|  |  |  |   |
|--|--|--|---|
| <p>Approval &amp; Certification</p> <p>Wetzlar, 20.12.2022</p> | <p><b>Manufacturer</b><br/>Works inspector</p> <p>Jan Dienstbach</p> |  | <p>Page 1 of 1</p> <p>Enclosures <input type="checkbox"/></p> |
|--|--|--|---|