

| | | | | | | |
|---|-----------------------|--|--------------------------|---|-----------------------------------|----------|
| Werks-Nr. Works-No. No de l'usine | A08 4154261 | Zeugnis-Nr. Certificate-No. No de certificat | A03 6730398001 | Sendungs-Nr. Shipment-No. No de envoi | Seite-Nr. Page-No. Page-No. | 1 |
|---|-----------------------|--|--------------------------|---|-----------------------------------|----------|

| | | |
|--|--|-----------------------------------|
| thyssenkrupp Steel Europe AG · 47161 Duisburg A01 | BESCHEINIGUNG ÜBER MATERIALPRÜFUNGEN DOCUMENT ON MATERIAL TESTS DOCUMENT DE CONTROL DES MATERIAUX | EN 10204 EN 10204 EN 10204 |
| A06 SALZGITTER MANNESMANN INTERNATIONAL SCHWANNSTR. 12 D 40476 DÜSSELDORF | | A02 INSPECTION CERTIFICATE 3.1 |

| | | | | |
|--|-------------------|---|--|----|
| Bestell-Nr. Order-No. No de commande | 704/17768 - LOT 2 | 📅 | 27.06.2016 | 25 |
| A07.1-A07.5 | | ☎ | 0203 52 23279 | |
| | | 📄 | 0203 52 25594 | |
| | | ✉ | abnahme_zeugnisse.stahl@thyssenkrupp.com | |

Werkstoff ; Quality ; Matériau / Lieferbedingungen ; Specification ; Conditions de livraison B02/B03
 CS TYPE B / ASTM A1008 - 07.2015

Kennzeichnung: MATERIAL, HEAT-NO., MANUFACTURING/SAMPLE-NO.
 Marking:
 Marque: B06

Zeichen des Lieferwerkes:
 Supplier's mark: **TKS**
 A04 Marque d'usine:

| | | | | | | | | | | | |
|--|-------------------|---------|--------|--------|--------|--------|--------|-------|-------|-------|--------|
| B01 TYPE OF PRODUCT / SURFACE STRIP; COLD-ROLLED STRIP; LIGHTLY OILED / SURFACE QUALITY: A; | | | | | | | | | | | |
| ITEM | B09 x | B10 x | B11 | B08 | B13 | B13 | | | | | |
| | DIMENSIONS | | | NUMBER | WEIGHT | WEIGHT | | | | | |
| | | | | PIECES | NET | GROSS | | | | | |
| 010 | 1,9 x 1219,0 [mm] | | | * | 4 | kg | kg | | | | |
| | | | | ** | 4 | 37.480 | 37.680 | | | | |
| LIST OF MATERIAL IDENTIS | | | | | | | | | | | |
| ITEM | B07 | C00 | B07 | B08 | B13 | B13 | | | | | |
| | BUNDLE | SAMPLE | HEAT | NUMBER | WEIGHT | WEIGHT | | | | | |
| | | NO. | NO. | PIECES | NET | GROSS | | | | | |
| 010 | C274391 | 144419E | 134711 | | kg | kg | | | | | |
| 010 | C274392 | 144419E | 134711 | 1 | 9.700 | 9.750 | | | | | |
| 010 | C274393 | 144421E | 134711 | 1 | 8.920 | 8.970 | | | | | |
| 010 | C274394 | 144421E | 134711 | 1 | 9.480 | 9.530 | | | | | |
| | | | | 1 | 9.380 | 9.430 | | | | | |
| CHEMICAL COMPOSITION OF THE HEAT IN % | | | | | | | | | | | |
| B07 | | | | | | | | | | | |
| HEAT NO. | C | SI | MN | P | S | AL | B | CR | CU | MO | N |
| 134711 | 0,040 | 0,012 | 0,200 | 0,013 | 0,0060 | 0,039 | 0,0003 | 0,043 | 0,010 | 0,003 | 0,0038 |
| | NB | NI | TI | V | | | | | | | |
| 134711 | 0,001 | 0,015 | 0,001 | 0,001 | | | | | | | |
| C70 HEAT PROCESS OXYGEN STEEL | | | | | | | | | | | |

T E N S I L E T E S T (ASTM E8)

| B07 HEAT- NO. | C00 SAMPLE NO. | C02 POSIT | C03 TEST TEMP °C | C10 TYPE | C11 R Art | C12 Rm MPa | Lo mm | C13 A % |
|---------------------|----------------------|--------------|---------------------------|-------------|-----------------|------------------|----------|---------------|
| 134711 | 144419E | L | +20 | A | 183 RP02 | 323 | 50 | 45 |
| 134711 | 144421E | L | +20 | A | 189 RP02 | 323 | 50 | 45 |

R O U G H N E S S (DIN EN 10049 / 2,5 MM CUT OFF)

| B07 HEAT- NO. | C00 SAMPLE NO. | C02 POSIT | RA µm |
|---------------------|----------------------|--------------|----------|
| 134711 | 144419E | Q | 1,4 |
| 134711 | 144421E | Q | 1,3 |

L E G E N D S

TYPE TENSILE TEST
A = FLAT TENSILE TEST (ASTM "STANDARD SHEET-TYPE")
POSIT
L = LONG.
Q = TRANS.

Z02

ABNAHMEBEAUFTRAGTER DES HERSTELLERS
THE MANUFACTURER'S AUTHORIZED INSPECTION REPRESENTATIVE
LE REPRÉSENTANT AUTORISÉ DU CONTRÔLEUR DU PRODUCTEUR



Z03 Finger (Leiter Abnahme)



Z03 Sartoris (Fachkoordinator Abnahme)