

Werte-Nr. Works-No. No de l'usine	A08 4154261	Zeugnis-Nr. Certificate-No. No de certificat	A03 6759746001	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																																																																																																														
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				✉	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: Marque d'usine: TKS A04																																																																																																												
<p>B01 TYPE OF PRODUCT / SURFACE STRIP; COLD-ROLLED STRIP; LIGHTLY OILED / SURFACE QUALITY: A;</p> <table border="1"> <thead> <tr> <th>ITEM</th> <th>B09 x DIMENSIONS</th> <th>B10 x B11</th> <th>B08 NUMBER PIECES</th> <th>B13 WEIGHT NET</th> <th>B13 WEIGHT GROSS</th> </tr> </thead> <tbody> <tr> <td>009</td> <td>2,66 x 1219,0 [mm]</td> <td></td> <td>* 1</td> <td>8.660 kg</td> <td>8.710 kg</td> </tr> <tr> <td></td> <td></td> <td></td> <td>** 1</td> <td>8.660 kg</td> <td>8.710 kg</td> </tr> </tbody> </table> <p>LIST OF MATERIAL IDENTENTS</p> <table border="1"> <thead> <tr> <th>ITEM</th> <th>B07 BUNDLE</th> <th>C00 SAMPLE NO.</th> <th>B07 HEAT NO.</th> <th>B08 NUMBER PIECES</th> <th>B13 WEIGHT NET</th> <th>B13 WEIGHT GROSS</th> </tr> </thead> <tbody> <tr> <td>009</td> <td>C276126</td> <td>152813E</td> <td>655391</td> <td>1</td> <td>8.660 kg</td> <td>8.710 kg</td> </tr> </tbody> </table> <p>CHEMICAL COMPOSITION OF THE HEAT IN % C71-C99</p> <table border="1"> <thead> <tr> <th>B07 HEAT NO.</th> <th>C</th> <th>SI</th> <th>MN</th> <th>P</th> <th>S</th> <th>AL</th> <th>B</th> <th>CR</th> <th>CU</th> <th>MO</th> <th>N</th> </tr> </thead> <tbody> <tr> <td>655391</td> <td>0,035</td> <td>0,009</td> <td>0,200</td> <td>0,012</td> <td>0,0060</td> <td>0,036</td> <td>0,0003</td> <td>0,026</td> <td>0,015</td> <td>0,005</td> <td>0,0039</td> </tr> <tr> <td>655391</td> <td>NB</td> <td>NI</td> <td>TI</td> <td>V</td> <td colspan="7"></td> </tr> <tr> <td></td> <td>0,001</td> <td>0,016</td> <td>0,000</td> <td>0,001</td> <td colspan="7"></td> </tr> </tbody> </table> <p>C70 HEAT PROCESS OXYGEN STEEL</p> <p>TENSILE TEST (ASTM E8)</p> <table border="1"> <thead> <tr> <th>B07 HEAT- NO.</th> <th>C00 SAMPLE NO.</th> <th>C02 POSIT</th> <th>C03 TEST TEMP °C</th> <th>C10 TYPE</th> <th>C11 R</th> <th>C12 R<sub>m</sub></th> <th>C13 Lo</th> <th>C13 A</th> </tr> <tr> <th colspan="4"></th> <th>Art</th> <th>MPa</th> <th>MPa</th> <th>mm</th> <th>%</th> </tr> </thead> <tbody> <tr> <td>655391</td> <td>152813E</td> <td>L</td> <td>+20</td> <td>A</td> <td>185</td> <td>RP02</td> <td>313</td> <td>50 46</td> </tr> </tbody> </table>								ITEM	B09 x DIMENSIONS	B10 x B11	B08 NUMBER PIECES	B13 WEIGHT NET	B13 WEIGHT GROSS	009	2,66 x 1219,0 [mm]		* 1	8.660 kg	8.710 kg				** 1	8.660 kg	8.710 kg	ITEM	B07 BUNDLE	C00 SAMPLE NO.	B07 HEAT NO.	B08 NUMBER PIECES	B13 WEIGHT NET	B13 WEIGHT GROSS	009	C276126	152813E	655391	1	8.660 kg	8.710 kg	B07 HEAT NO.	C	SI	MN	P	S	AL	B	CR	CU	MO	N	655391	0,035	0,009	0,200	0,012	0,0060	0,036	0,0003	0,026	0,015	0,005	0,0039	655391	NB	NI	TI	V									0,001	0,016	0,000	0,001								B07 HEAT- NO.	C00 SAMPLE NO.	C02 POSIT	C03 TEST TEMP °C	C10 TYPE	C11 R	C12 R <sub>m</sub>	C13 Lo	C13 A					Art	MPa	MPa	mm	%	655391	152813E	L	+20	A	185	RP02	313	50 46
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Werks-Nr.  
Works-No.  
No de usine

A08  
4154261

Zeugnis-Nr.  
Certificate-No.  
No de certificat

A03  
6759746001

Sendungs-Nr.  
Shipment-No.  
No de envoi

Seite-Nr.  
Page-No.  
Page No. 2

ROUGHNESS (DIN EN 10049 / 2,5 MM CUT OFF)

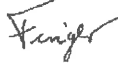
B07 HEAT- NO.	C00 SAMPLE NO.	C02 POSIT	RA µm
655391	152813E	Q	1,4

LEGENDS


TYPE TENSILE TEST	POSIT
A = FLAT TENSILE TEST (ASTM "STANDARD SHEET-TYPE")	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 )

thyssenkrupp Steel Europe AG

Abnahme

A05

Es wird bestätigt, dass die Lieferung den Vereinbarungen bei der Bestellung entspricht.

We hereby certify that the above mentioned materials have been delivered in accordance with the terms of order.

Nous attestons que les produits livrés sont conformes aux stipulations de la commande.

Z01

