

Werks-Nr. Works-No. No de l'usine	A08 4154261	Zeugnis-Nr. Certificate-No. No de certificat	A03 6734377001	Sendungs-Nr. Shipment-No. No de envoi	Seite-Nr. Page-No. Page-No.	1
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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

A07.1-A07.5

04.07.2016
0203 52 23279
0203 52 25594
abnahme_zeugnisse.stahl@thyssenkrupp.com

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Werkstoff ; Quality ; Matériau / Lieferbedingungen ; Specification ; Conditions de livraison

CS TYPE B / ASTM A1008 - 07.2015

B02/B03

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

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

A04

B01
TYPE OF PRODUCT / SURFACE
 STRIP; COLD-ROLLED STRIP; LIGHTLY OILED / SURFACE QUALITY: A;

ITEM	DIMENSIONS	B09 x B10 x B11	B08 NUMBER PIECES	B13 WEIGHT NET	B13 WEIGHT GROSS	
						004
005	0,91 x 914,0 [mm]		*	2	14.480	14.582
			**	4	30.040	30.244

LIST OF MATERIAL IDENTENTS

ITEM	B07 BUNDLE	C00 SAMPLE NO.	B07 HEAT NO.	B08 NUMBER PIECES	B13 WEIGHT NET	B13 WEIGHT GROSS
004	B157900100	B157900000	698234		kg	kg
004	B157900200	B157900000	698234	1	7.780	7.831
				1	7.780	7.831
005	B144200100	B144200000	698224			
005	B144200200	B144200000	698224	1	7.400	7.451
				1	7.080	7.131

CHEMICAL COMPOSITION OF THE HEAT IN %

C71-C99

B07 HEAT NO.	C	SI	MN	P	S	AL	B	CR	CU	MO	N
698224	0,034	0,014	0,280	0,014	0,0110	0,045	0,0002	0,029	0,008	0,003	0,0051
698234	0,035	0,013	0,240	0,015	0,0050	0,041	0,0002	0,027	0,007	0,003	0,0045
	NB	NI	TI	V							
698224	0,001	0,017	0,001	0,001							
698234	0,001	0,015	0,002	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 MPa	R Art	C12 Rm MPa	Lo mm	C13 A %
698224	B144200000	L	+20	A	178	RP02	322	50	44
698234	B157900000	L	+20	A	169	RP02	316	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
698224	B144200000	Q	1,6
698234	B157900000	Q	1,6

L E G E N D S

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)