



A01

Certificate Nr 2103/6-2007

Advice Nr A1706043

1/1

A02

Inspection Certificate 3.1

according to ASTM A6

35578

A04

SWT

A06

Arcelor International America, LLC
 Mill business, Long Products
 350 Hudson Street
 10014 NEW YORK
 UNITED STATES OF AMERICA

A01 Stahwerk Thüringen GmbH

A06 Qualitätsstelle
 Kronacher Straße 6
 07333 Unterenborn
 Germany

A06 Order Nr: 1700005963

A07 Customer Nr: CP 50307

B02 Quality: A992 DUAL
 according to: ASTM A992/98 - A572 GR50
 PER AISC TB3 - ASTM A572/97C GR50
 FINE GRAIN SILICON KILLED

Lot Nr	Heat Nr	Dimension	Length	Pieces	Weight [t]	Customer Nr
A10	B07	B01	B09	B06	B12	A11
001	49012	C 10X15,3	12200 mm	64	17.778	
001	49013	C 10X15,3	12200 mm	112	31.112	

CA 25423

Heat Nr	C	Si	Mn	P	S	N	Nb	V	Cr	Cu
B07	C71	C72	C73	C74	C75	C76	C77	C78	C79	C80
max	0.23	0.40	1.50	0.035	0.045	0.012	0.050	0.110	0.35	0.80
min		0.10	0.50				0.005			
49012	0.08	0.22	1.15	0.020	0.027	0.007	0.014	0.011	0.09	0.30
49013	0.09	0.22	1.13	0.022	0.026	0.006	0.016	0.012	0.10	0.30

Heat Nr	Ni	Mo	CEV1	Sn
B07	C81	C82	C83	C84
max	0.45	0.15	0.46	
min				
49012	0.12	0.03	0.32	0.017
49013	0.12	0.04	0.34	0.027

Heat Nr	Yield stress	Tensile strength	Elongation	Ys/Ts
B07	G11	C91	G13	G14
max	65000			0.85
min	50000	65000	21.0	
49012	54955	74675	39.6	0.74
49013	55825	74820	38.3	0.75

B14

B09 Works inspector
 Renate Schmidt

01.10.2007