



STAHLWERK THÜRINGEN
Grupo Alfonso Gallardo

A03

Certificate Nr 2336/1-2008

1 / 1

Advice Nr G2101052

A02

Test Report

according to EN 10204:2004/2.2.

A01

Stahlwerk Thüringen GmbH

A05

Qualitätsstelle
Kronacher Straße 6
07333 Unterwellenborn
Germany

A04

SWT

A06

Plesa Anahuac y Cias, S.A. de C.V.
Colonia San Francisco Chilpan
Av. Valle de las Alamedas N°66
54490 Tultitlan
MEXICO

A08

Order Nr: 2000525107

A07

Customer Nr:

B02

Quality: GRADE 50
according to: ASTM A572M

Lot Nr	Heat Nr	Dimension	Length	Pieces	Weight [t]	Customer Nr
A10	B07	B01	B09	B08	B13	A11
002	54967	C 12X30	12192 mm	8	4.300	
002	54968	C 12X30	12192 mm	24	12.865	

Heat Analysis [%]

Heat Nr	C	Si	Mn	P	S	N	Nb	V
B07	C71	C72	C73	C74	C75	C76	C77	C78
max	0.23	0.40		0.040	0.050		0.050	0.150
min							0.005	
54967	0.08	0.18	1.16	0.021	0.029	0.008	0.013	0.007
54968	0.09	0.21	1.17	0.021	0.020	0.006	0.019	0.011

Tensile test

Heat Nr	Yield stress [PSI]	Tensile strength [PSI]	Elongation 50 mm [%]	Ys/Ts
B07	C11	C12	C13	C14
max				
min	50000	65000	21.0	
54967	54665	74385	42.2	0.73
54968	56115	75400	40.9	0.74

B14

Material for galvanization. Si: 0.15% - 0.25%

Z03

Works inspector
Renate Schmidt

Z02

Jan 21, 2008