

68321.

<p style="text-align: center;"><b>A</b></p> <p style="text-align: center;"><b>ArceolMital</b></p> <p style="text-align: center;">INDUSTEEL (Belgium)</p> <p style="text-align: center;">B.P. 179 B-869 CHARLEROI</p> <p style="text-align: center;">TOLES LAMINES A CHAUD HOT ROLLED PLATES WÄRMEGEWALTE BELGISCHE LAMIERE LAMINATE A CALDO</p> <p style="text-align: center;">CLIENT/CUSTOMER/BESTELLEN/CLIENTE</p> <p style="text-align: center;">LA CHEN INTERNATIONAL (CA) CORP. 3455 GISSEPO AVENUE 90825-3715 LONG BEACH, CALIFORNIA</p> <p style="text-align: center;">REPRESENTACION TECNICA INDUSTRIAL S.L. / IN FERRERIA L7791100495</p>	<p style="text-align: center;">COMMANDE USURE NR / ORDER NR / VERNUM NR / ORDRE NR</p> <p style="text-align: center;">479702</p> <p style="text-align: center;">CERTIFICATE - PROFIEUWENS - CERTIFICATO</p> <p style="text-align: center;">379497</p> <p style="text-align: center;">BORDEREAU / DELIVERY / VERSANDANZEIGE / BORDERO</p> <p style="text-align: center;">314118</p> <p style="text-align: center;">INDUSTEEL BELGIUM</p>	<p style="text-align: center;">TOLES - PLATES - BLECHE - LAMIERE</p> <p style="text-align: center;">SUWANTI/ACCORRUO/TO/ENTRENKEND/SECONDO</p> <p style="text-align: center;">ASTM A 2404 E2404 GEN SPEC GS-01 TCI 2205 REVS 5 (04.02.2010)</p> <p style="text-align: center;">ASME I/II 16074-16074-09 SA2404M SPEC GS-01 TCI 2205 REVS 5 (04.02.2010)</p> <p style="text-align: center;">ASTM A 2404 E2404 GEN SPEC GS-01 TCI 2205 REVS 5 (04.02.2010)</p>	<p style="text-align: center;">PRODOTTO: PRODOTTO: - PRODOTTI:</p> <p style="text-align: center;">MATERIE/MATERIAL/WORKSTORY/MATERIALE</p> <p style="text-align: center;">UNS S1103 P3EN 357</p> <p style="text-align: center;">UNS S1103 P3EN 357</p> <p style="text-align: center;">UNS S12203 (2005)</p> <p style="text-align: center;">UNS S12203 (2005)</p>	<p style="text-align: center;">STATE OF VERMONT / VERMONT STATE / VERMONT STATE</p> <p style="text-align: center;">LUBRICATED / STATE OF VERMONT / 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ANALYSES MECHANICAL - ANALYSES MECHANICAL - ANALYSES MECHANICAL  
 MECHANICAL TESTS - CHEMICAL ANALYSIS - CHEMICAL ANALYSIS  
 PRÜFUNGEN - CHEMISCHE ZUSAMMENSETZUNG - CHEMISCHE ZUSAMMENSETZUNG  
 PROVE MECCANICHE - ANALISI CHIMICHE - ANALISI CHIMICHE

14022

EFFECTIVE DATE / DATE EN VIGUEUR / DATA EFFETTIVA	C	M	P	S	B	H	I	C	Q	M	C	M	C	M	C	
08.10	6821	0.14	1.85	0.029	0.0094	0.312	5.501	22.714	3.012	0.240	66.973	0.1638				
08.10	6821	0.14	1.85	0.029	0.0094	0.312	5.501	22.714	3.012	0.240	66.973	0.1638				

\*ETAT: 0 - ETAT DE LIVRAISON AS DELIVERY  
 MERCURY FREE NO WELD REPAIR  
 ASKADA ASKAD  
 COUNTRY OF ORIGIN: MADE IN BELGIUM

Dat: - Date - Data  
 30-MAR-2010  
 O. C. MICHAEL  
 MICROSCOPIC MICROSCOPIC  
 SPINAZZE CRISTALLE

Industeel Belgium

USCL27660



**QUALITY CONTROL DEPARTMENT - TESTING LABORATORY**

SODIUM HYDROXYDE ETCH TEST REPORT - ASTM A 923 METHOD A

IB Order : 4707202

Coupon nr : 158294001  
Heat nr : 68321

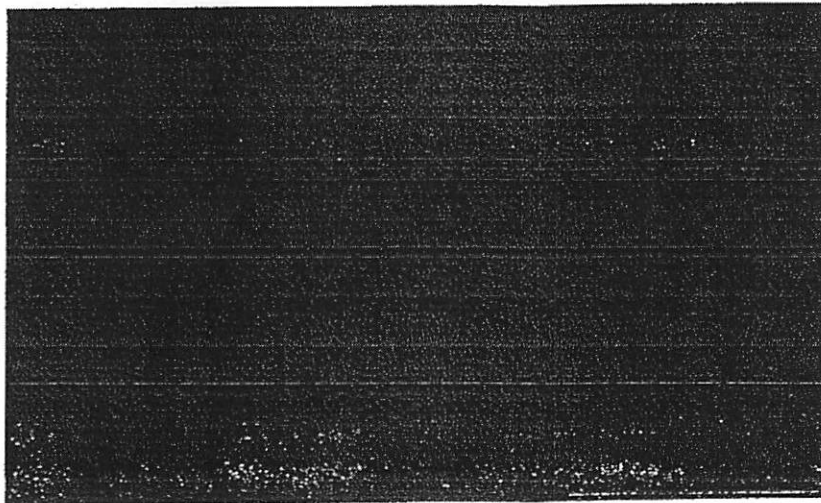
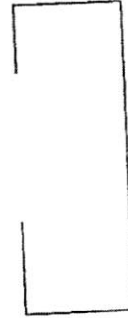
Thickness : 50,80 mm  
Quality : S 32750

Location of Test Specimen :

At 1/4 width top of Plate

Instrument :  
Microscope Magnification :  
Image Magnification :

OLYMPUS PMG3  
500 X  
2 X

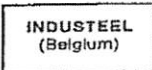


Test Results : Unaffected Structure

Conclusions : Test in accordance with ASTM A923-06 Method A and the requirement of the order

Date : 29/04/2010  
Tested by: RARY

Page 1/1



Item:2.000961442205#1 Bundle:158294-001 Heat#:68321

MTR#:#USCL27660.GIF

This MTR contains 4 pages (Page # 2)

MILL TEST REPORT

Industeel Belgium

USCL27661

ArcelorMittal

QUALITY CONTROL DEPARTMENT - TESTING LABORATORY

FERRIC CHLORIDE CORROSION TEST REPORT - ASTM A923 METHOD C

IB Order : 4707202

Coupon nr : 158294001

Heat nr : 68321

Thickness : 50,80 mm

Quality : S 32750

Size of Specimen (mm)					
Length	Specified	Width	Specified	Thickness	Specified
60	60	25	25	50,80	Felt thickness
Total area in cm <sup>2</sup>		101,20			

Instrument :

Balance SARTORIUS LE 623 S

Method

In accordance with ASTM A 923 -03 TEST METHOD C

Solution of 8% FeCl<sub>3</sub> at pH 1,3

Volume > 160 ml or 20 ml/cm<sup>2</sup>

Temperature of Test 26 ± 0,5 °C +/- 1°C

Corrosion rate

Initial weight : 503,4021 g  
 Final weight : 503,4021 g  
 weight loss : 0,0000 g  
 Start of Test : 27/04/2010 07:30  
 Start of Test : 28/04/2010 07:30  
 Duration : 24 h  
 pH : 1,31  
 mdd : 0,0 < 10

Conclusions: Test in accordance with ASTM A923-08 Method C and the requirements of the order.

Date : 29/04/2010  
Tested by: RARY

Page 1/1

INDUSTEEL  
(Belgium)

Item:2.000961442205#1 Bundle:158294-001 Heat#:68321

MTR#:USCL27661.GIF

This MTR contains 4 pages (Page# 3)

MILIT TEST REPORT

Industeel Belgium

USCL27662



QUALITY CONTROL DEPARTMENT - TESTING LABORATORY

VOLUME FRACTION OF FERRITE TEST REPORT - ASTM E562 - E1245

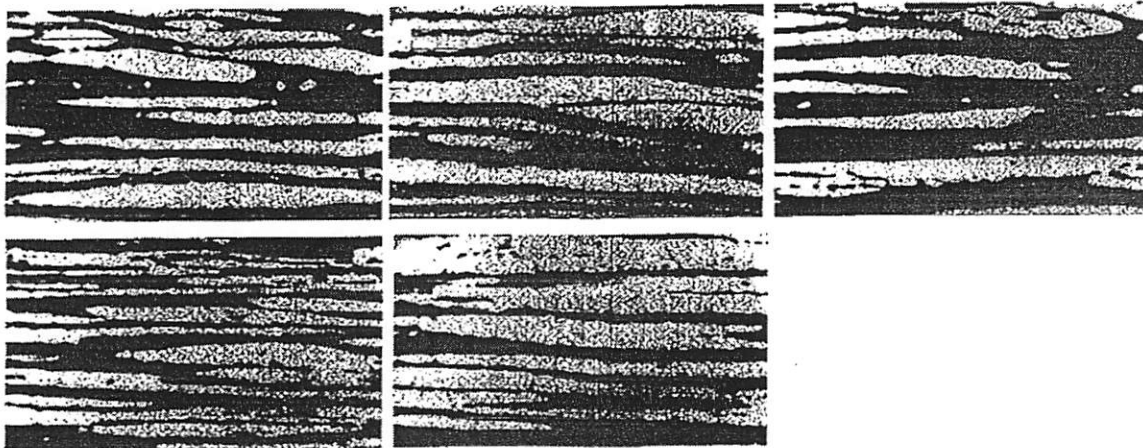
IB Order : 4707202

Coupon nr 158294001  
Heat nr : 68321

Thickness : 50,80 mm  
Quality : S 32750

Location of Test Specimen :  
Instrument :  
Number of indenter measurements :  
Microscope Magnification :  
Image Magnification :

Thickness of Plate  
Imager: Z1m AxioVision  
5  
500 X  
1 X



Results of fraction of ferrite		
Micrograph	Fraction of ferrite in %	
	Measurement	Requirements
1	50,21	
2	50,14	
3	50,74	
4	50,26	
5	49,92	
Average	50,25	40-60
Std Deviation	0,30	
85% CI	0,37	
% RA	0,74	

Determination of volume fraction of ferrite by automatic image analysis

Conclusions : Test in accordance with ASTM E562 through ASTM E1245 and the requirement of the order

Date : 29/04/2010  
Tested by: RARY

INDUSTEEL  
(Belgium)

Page 1/1

Item:2.000961442205#1 Bundle:158294-001 Heat#:68321

MTR#:USCL27662.GIF

This MTR contains 4 pages (Page# 4)

MILL TEST REPORT