



US-ML-CHARLOTTE
 6601 LAKEVIEW ROAD
 CHARLOTTE, NC 28269
 USA

CUSTOMER PURCHASE ORDER NUMBER

BILL OF LADING

DATE

CUSTOMER SHIP TO

CUSTOMER BILL TO

SALES ORDER

CUSTOMER MATERIAL N°

GRADE
TSS-25C

SHAPE / SIZE
Square Bar / .630"

DOCUMENT ID
0000000000

LENGTH
51'10"

WEIGHT
0

HEAT / BATCH
54166113/02

SPECIFICATION / DATE OF REVISION
TSS-25C

CHEMICAL COMPOSITION
 C % 0.19
 Mn % 0.93

P % 0.010

S % 0.025

Si % 0.15

Cr % 0.28

Ni % 0.15

Al % 0.15

Mo % 0.050

V % 0.022

Nb % 0.001

MECHANICAL PROPERTIES

Elong
35.00

G/L
Inch
2.000

UTS
PSI
86202

UTS
MPa
594

YS
PSI
63290

YS
MPa
436

GEOMETRIC CHARACTERISTICS

R/R

63.00

COMMENTS / NOTES

The above figures are certified chemical and physical test records as contained in the permanent records of company. We certify that these data are correct and in compliance with specified requirements. Weld repair has not been performed on this material. This material, including the billets, was melted and manufactured in the USA. CMTR complies with EN 10204 3.1.

Manoj

BIJASKAR YALAMANCHILU
 QUALITY DIRECTOR

Phone: (409) 267-1071 Email: Bhaskar.Yalamanchilu@gerdau.com

Rachel Warren

RACHEL WARREN
 QUALITY ASSURANCE MGR.

Phone: (704) 596-0361 EX3039 Email: Rachel.Warren@gerdau.com



GERDAU

US-ML-CHARLOTTE
6601 LAKEVIEW ROAD
CHARLOTTE, NC 28269
USA

Customer Bill to / Customer Ship to

Document ID

CUSTOMER SHIP TO
CUSTOMER BILL TO
GRADE TSS-25C
SHAPE / SIZE Square Bar / .630"
DOCUMENT ID 0000000000

LENGTH 51'10"
WEIGHT 0
HEAT / BATCH S416114/02

SPECIFICATION / DATE OF REVISION
TSS-25C

CUSTOMER PURCHASE ORDER NUMBER
BILL OF LADING
DATE

CHEMICAL COMPOSITION		C	Mn	P	S	Si	Cr	Mo	V	Nb
		%	%	%	%	%	%	%	%	%
		0.19	1.01	0.010	0.024	0.18	0.19	0.040	0.027	0.002

MECHANICAL PROPERTIES		Elong.	G/T	UTS	UTS	YS	YS
		%	Inch	PSI	Mpa	PSI	Mpa
		35.00	2.000	89621	618	66789	461

GEOMETRIC CHARACTERISTICS
R/R
63.00

COMMENTS / NOTES

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Maackey
BHASKAR YALAMANCHILI
QUALITY DIRECTOR

Phone: (409) 267-1071 Email: bhaskar.yalamanchili@gerdau.com

Rachel Warren
RACHEL WARREN
QUALITY ASSISTANCE MGR

Phone: (704) 596-0361 EX:3039 Email: Rachel.Warren@gerdau.com