



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

CERTIFIED MATERIAL TEST REPORT

CUSTOMER SHIP TO
 GERDAU AMERISTEEL US INC
 1888 RIVERSIDE ROAD
 LANCASTER, SC 29720
 USA

CUSTOMER BILL TO
 SALES ORDER
 CUSTOMER MATERIAL N°

GRADE
 TSS-30C
 SHAPE / SIZE
 Square Bar / .630"
 DOCUMENT ID:
 000000000000

LENGTH
 51'10"
 WEIGHT
 0
 HEAT / BATCH
 54149893/02

CUSTOMER PURCHASE ORDER NUMBER	BILL OF LADING	DATE	SPECIFICATION / DATE OF REVISION TSS-30C
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CHEMICAL COMPOSITION	C	Mn	P	S	SI	Cu	Ni	Cr	Mo	V	Nb	Sn
	0.34	0.67	0.008	0.027	0.16	0.32	0.12	0.09	0.030	0.002	0.002	0.010

MECHANICAL PROPERTIES	Elong. %	G/L Inch	UTS PSI	UTS MPa	YS PSI	YS MPa
	37.00	2.000	87887	606	57863	399

GEOMETRIC CHARACTERISTICS	R/R
	63.00

COMMENTS / NOTES

PURCHASE ORDER# Jw3758 5/11/2016
 5/8" X 6" prime track spikes

FBW

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. This material, including the billets, was melted and manufactured in the USA. CMTR complies with EN 10204 3.1.

Shackley
 BHASKAR YALAMANCHILI
 QUALITY DIRECTOR

Jordan Foster
 JORDAN FOSTER
 QUALITY ASSURANCE MGR.