



CERTIFIED MATERIAL TEST REPORT

US-ML-CARTERSVILLE
384 OLD GRASSDALE ROAD NE
CARTERSVILLE, GA 30121
USA

CUSTOMER SHIP TO GERDAU CORSA S A P I DE CV 02 715 KMB 1023 507 ZVP MONTERREY,NL 64290 Mexico		CUSTOMER BILL TO GERDAU CORSA S A P I DE CV CARRETERA MEXICO CD SAHAGUN SN CD SAHAGUN,HGO 43990 Mexico		GRADE GGMULTI	SHAPE / SIZE Angle / 8X8X5/8	DOCUMENT ID: 0000066147
SALES ORDER 4578312/000030		CUSTOMER MATERIAL N°		LENGTH 40'00"	WEIGHT 39,240 LB	HEAT / BATCH 55048053/03
CUSTOMER PURCHASE ORDER NUMBER 4506774772		BILL OF LADING 1323-0000083565		DATE 22.01.2017		
SPECIFICATION / DATE or REVISION ASTM A529-14, A572-15 ASTM A6-14,A36-14, ASME SA-36 ASTM A709-15, AASHTO M270-12 CSA G40.20-13/G40.21-13						

CHEMICAL COMPOSITION												
C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Nb	N	Pb
%	%	%	%	%	%	%	%	%	%	%	%	%
0.16	0.93	0.014	0.022	0.21	0.47	0.24	0.10	0.023	0.019	0.000	0.0100	0.0030

CHEMICAL COMPOSITION	
Sn	%
0.019	

MECHANICAL PROPERTIES						
Elong.	G/L	UTS	UTS	YS 0.2%	YS	
%	Inch	PSI	MPa	PSI	MPa	
22.50	8.000	76400	527	56100	387	
21.30	8.000	76100	525	55200	381	

COMMENTS / NOTES

This grade meets the requirements for the following grades:
 ASTM Grades: A36; A529-50; A572-50; A709-36; A709-50
 CSA Grades: 44W; 50W
 AASHTO Grades: M270-36; M270-50
 ASME Grades: SA36

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.

Bhaskar
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 QUALITY DIRECTOR

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