



US-ML-MIDLOTHIAN
 300 WARD ROAD
 MIDLOTHIAN, TX 76065
 USA

SALES ORDER 12393864/000020		CUSTOMER MATERIAL N°	
BILL OF LADING 1327-0000506688		DATE 01/04/2023	
CUSTOMER PURCHASE ORDER NUMBER SSW131739		SPECIFICATION / DATE or REVISION ASTM A529-19, A372-21 ASTM A6-17, A36-14, ASME SA-36 ASTM A709-18, AASHTO M270-15 CSA G40.20-13/G40.21-13	
GRADE GGMULTI		SHAPE / SIZE Channel / 12 X 20.7#	
LENGTH 40'00"		WEIGHT 19,872 LB	
DOCUMENT ID: 0000873934		HEAT / BATCH 59109017/02	

CHEMICAL COMPOSITION		C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo (%)	V (%)	Nb (%)	Al (%)	Ti (%)	B (%)	Ca (%)	N (%)	Pb (%)	
C (%)	0.08	0.78	0.006	0.031	0.18	0.20	0.07	0.12	0.025	0.001	0.001	0.011	0.001	0.002	0.0002	0.0019	0.0073	0.0000	
CHEMICAL COMPOSITION		Sb (%)	As (%)	Zn (%)	Co (%)	CEqvA6 (%)	Sn (%)												
Sb (%)	0.003	0.005	0.006	0.005	0.26	0.004													

MECHANICAL PROPERTIES		Elong. (%)	YS (MPa)	YS 0.2% (PSI)	UTS (MPa)	UTS (PSI)	UTS (PSI)	G/L (mm)	G/L (Inches)
Elong. (%)	25.10	361	52382	464	67340	67683	200.0	8.000	
	24.00	363	52623	467	67683	67683	200.0	8.000	

GEOMETRIC CHARACTERISTICS
 Dimension: OK
 Branding: OK

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

We warrant that the products described herein are as represented and conform to the requirements of the contract and in compliance with applicable laws and regulations. We certify that these data are correct and in compliance with applicable laws and regulations. For all products other than billets

Date: 9/2/2023 To: SENTRY SUPPLY dba SO#: A780760 Ln#: 2 PO#: P0243848-08 Part: C12207020* Qty: 1 Heat#: 59109017*
 Tag: B10090123 Page: 2 of 3



US-ML-MIDLOTHIAN
 300 WARD ROAD
 MIDLOTHIAN, TX 76065
 USA

CUSTOMER PURCHASE ORDER NUMBER SSW131739		BILL OF LADING 1327-0000506689		DATE 01/04/2023	
SALES ORDER 12393864/000020		CUSTOMER MATERIAL N°			
GRADE GGMULTI		SHAPE / SIZE Channel / 12 X 20.7#		DOCUMENT ID: 0000873937	
LENGTH 40'00"		WEIGHT 19,872 LB		HEAT / BATCH 59109017/02	
SPECIFICATION / DATE OF REVISION ASTM A529-19, A572-21 ASTM A6-17, A36-14, ASME SA-36 ASTM A709-18, AASHTO M270-15 CSA G40.20-13/G40.21-13					

CHEMICAL COMPOSITION		P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo (%)	V (%)	Nb (%)	Al (%)	Ti (%)	B (%)	Ca (%)	N (%)	Pb (%)
C (%)	0.08	0.78	0.006	0.031	0.18	0.20	0.12	0.025	0.001	0.011	0.001	0.002	0.0002	0.0019	0.0073	0.0000

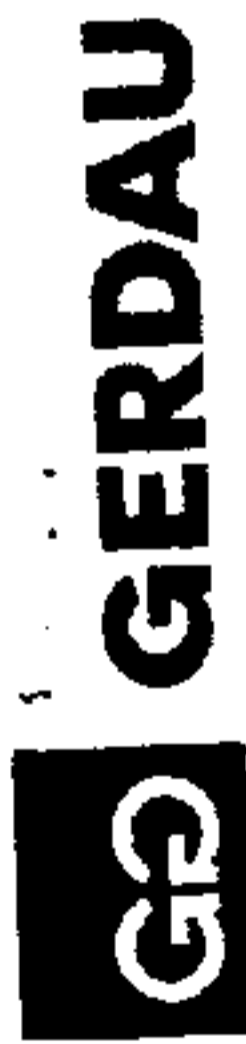
CHEMICAL COMPOSITION		Zn (%)	Co (%)	CEqvA6 (%)	Sn (%)
Sb (%)	0.003	0.005	0.005	0.26	0.004

MECHANICAL PROPERTIES		G/L (Inches)	G/L (mm)	UTS (PSI)	UTS (MPa)	YS (MPa)	YS / UTS (%)
Elong. (%)	25.10	8.000	200.0	67340	464	361	0.780
	24.00	8.000	200.0	67683	467	363	0.780

GEOMETRIC CHARACTERISTICS
 Dimension: Branding
 OK OK

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

Date: 9/2/2023 To: SENTRY SUPPLY dba SO#: A780760 Ln#: 2 PO#: P0243848-08 Part: C12207020* Qty: 1 Heat#: 59109017*
 Tag: B10090123 Page: 3 of 3



US-ML-MIDLOTHIAN
 300 WARD ROAD
 MIDLOTHIAN, TX 76065
 USA

DOCUMENT ID: 0000873990		SHAPE / SIZE Channel / 12 X 20.7#
GRADE GGMULTI	HEAT / BATCH 59109017/02	
LENGTH 40'00"	WEIGHT 19,872 LB	
SPECIFICATION / DATE of REVISION ASTM A529-19, A572-21 ASTM A6-17, A36-14, ASME SA-36 ASTM A709-18, AASHTO M270-15 CSA G40.20-13/G40.21-13		
CUSTOMER MATERIAL N°		DATE 01/04/2023
SALES ORDER 12393864/000020	BILL OF LADING 1327-0000506709	
CUSTOMER PURCHASE ORDER NUMBER SSW131739		

CHEMICAL COMPOSITION	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mn (%)	V (%)	Nb (%)	Al (%)	Ti (%)	B (%)	Ca (%)	N (%)	Pb (%)
C (%)	0.08	0.78	0.006	0.031	0.18	0.20	0.07	0.12	0.025	0.001	0.002	0.0002	0.0019	0.0073	0.0000

CHEMICAL COMPOSITION	Zn (%)	Co (%)	CEqvA6 (%)	Sn (%)
Sb (%)	0.003	0.005	0.005	0.004

MECHANICAL PROPERTIES	G/L (Inches)	G/L (mm)	UTS (PSI)	UTS (MPa)	YS 0.2% (PSI)	YS (MPa)	YS / UTS (%)
Elong. (%)	8.000	200.0	67340	464	5382	361	0.780
	24.00	200.0	67683	467	52623	363	0.780

GEOMETRIC CHARACTERISTICS
 Dimensional Weight OK

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

with EN 1026