

Issuing Date : 01/22/2017 B/L No. : 462138 Load No. : 470455 Our Order No. : 14347471 Cust. Order No.
 Vehicle No: LW 62039 Sold To:
 Specification: 0.3750" x 120.000" x 480.000"
 ASTM A36-14/ABS Grade A 2016/ASME SA38 2013/2016 ASTM A709
 Grade 36-168

Marking :

Heat No	C	Mn	P	S	SI	Cu	NI	Cr	Mo	Al(100)	V	MB	Ti	N	Ca	B	Sn	Ceq	Pcm
7500433	0.05	0.88	0.006	0.001	0.27	0.32	0.11	0.09	0.03	0.024	0.004	0.001	0.002		0.0030	0.0001	0.012	0.25	0.13
7500438	0.06	0.81	0.008	0.004	0.26	0.27	0.08	0.09	0.02	0.032	0.004	0.001	0.003		0.0030	0.0001	0.010	0.24	0.13

Plate Serial No	Platts	Tons	Tensile Test				Charpy Impacts													
			Yk	(psi) Yield	(psi) TENSILE	Elongation % in 2"	Elongation % in 8"	Yk	1	(%) shear	2	(%) shear	3	(%) shear	Ave.	(%) shear	Size	Temp	Min Ave.	
7500433-02	2	6.12	T	44,200	62,000															
			T	45,400	62,600															
7500438-01	6	18.37	T	46,400	63,000															
			T	47,200	63,900															
7500438-02	6	18.37	T	46,400	63,500															
			T	47,200	63,900															
7500438-03	6	18.37	T	46,400	63,500															
			T	47,200	63,900															



K. WITING
NY 5279792
3/22/17

Manufactured to fully killed 5th grain practice by Electric Arc Furnace. Welding or weld repair was not performed on this material. Mercury has not been used in the direct manufacturing of this material. Produced as continuous cast discrete plate as-rolled, unless otherwise noted in Specification. For Mescoo shipments: nnc06160@nucor.com
 Yield by 0.5EUT method unless otherwise specified. Ceq = C+(Mn/16)+(Cr+Mo+V/5)+(Cu+Ni/15)
 Pcm = C+(Si/30)+(Mn/20)+(Cu/20)+(Ni/60)+(Cr/20)+(Mo/16)+(V/10)+5B
 Melted and Manufactured in the USA. ISO 9001:2008 certified (0109940) by SRI Quality System Registrar (0985-09). PED 97/23/EC 712 Annex 1, Para. 4.3 Compliant.
 DIN 50049 3.1.B/EN 10204 3.1B(2004), DIN EN 10204 3.1(2005) compliant. For ABS grades only. Quality Assurance certificate 14-NMPOA-723

We hereby certify that the contents of this report are accurate and correct. All test results and operations performed by the material manufacturer are in compliance with the applicable specifications, including customer specifications.

T. A. Depretis
T. A. Depretis, Metallurgist

1/23/2017 8:07:33 AM