

OLD: ACEROMEX SA DE CV
 O: CARRETERA MONTERREY
 LAREDO KM 27
 CIENEGA DE FLORES NL CP 65550
 MEXICO

PIP: BRES SAENZ AGENTS (ACEROMEX)
 O: El Indio Hwy &
 Memo Robinson Rd.
 EAGLE PASS, TX 78853-



CERTIFIED MILL TEST REPORT

Ship from:
 Nucor Steel - Texas
 8812 Hwy 79 W
 JEWETT, TX 75846
 800-527-6445

Date: 1-Mar-2013
 B.L. Number: 631048
 Load Number: 237760

Material Safety Data Sheets are available at www.nucorbar.com or by contacting your inside sales representative.

NBMG-08 January 1, 2012

LOT # HEAT #	DESCRIPTION	PHYSICAL TESTS				CHEMICAL TESTS							
		YIELD P.S.I.	TENSILE P.S.I.	ELONG % IN 8"	BEND	WT% DEF	C Ni	Mn Cr	P Mo	S V	SI Cb	Cu Sn	C.E.
PO# => JW1211053901	4500076945 Nucor Steel - Texas	56,300	71,600	22.0%		.13	.85	.016	.022	.19	.30		
JW12110539	1-1/4" (1.2500) Round 20' A36/A529GR50	388MPa	494MPa			.15	.14	.048	.058 0	.00			
	ASTM A36-08, A529-05, A706-09b G R36, ASME SA36-07 Ed 11 Ad	57,400	72,500	23.0%		CE4020	CEA529	MN/C					
	ASTM A529/A529M-05 GR 50 ASTM A36/A36M-08, A709/709M-11 G R36, ASME SA36-10 Ed 11 Ad. NICUCR = ***	396MPa	500MPa			0.35	0.38	PB = *	**				
PO# => JW1211084101	4500076945 Nucor Steel - Texas	58,600	75,200	21.0%		.13	.78	.015	.024	.19	.32		
JW12110841	5x6.7# Channel 20' 0" A36/A529GR50	404MPa	518MPa			.20	.22	.060	.041	.001			
	ASTM A36-08, A529-05, A709-09a G R36, ASME SA36-07 Ed 11 Ad	58,900	75,200	23.0%		CE4020	CEA529						
		406MPa	518MPa			0.36	0.39						
PO# => JW1310032101	4500076945 Nucor Steel - Texas	57,800	76,200	24.0%		.12	.83	.012	.032	.19	.27		
JW13100321	6x8.2# Channel 20' A36/A572 Gr50-2	399MPa	525MPa			.17	.20	.059	.029	.001			
	ASTM A36/A36M-08/A572-07 GR 50 T Y2	57,700	75,500	24.0%		MN/C							
		398MPa	521MPa			06.92							
PO# => JW1310041301	4500078161 Nucor Steel - Texas	59,200	76,100	21.0%		.13	.99	.015	.042	.23	.33		
JW13100413	6x4x3/8 Angle 20' A36/A529GR50	408MPa	525MPa			.17	.19	.051	.044	.002			
	ASTM A36-08, A529-05, A709-09a G R36, ASME SA36-07 Ed 11 Ad	59,000	75,500	21.0%		CE4020	CEA529						
		407MPa	521MPa			0.39	0.42						

hereby certify that the material described herein has been manufactured in accordance with the specifications and standards listed above and that it satisfies those requirements.
 1) Weld repair was not performed on this material.
 2) Melted and manufactured in the United States.
 3) Mercury, Radium, or Alpha source materials in any form have not been used in the production of this material.

QUALITY ASSURANCE: Kim Pritchard

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NUCOR
 NUCOR CORPORATION
 NUCOR STEEL TEXAS

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NBMG-08 January 5, 2012

LOT #	HEAT #	DESCRIPTION	PHYSICAL TESTS				CHEMICAL TESTS									
			YIELD P.S.I.	TENSILE P.S.I.	ELONG % IN 8"	BEND	WT% DEF	C Ni	Mn Cr	P Mo	S V.	Si Cb	Cu Sn	C.E.		
PO# =>	4500076944															
JW1310092001		Nucor Steel - Texas	50,500	69,000	25.0%		.10	.68	.012	.030	.19	.32	.30			
JW13100920		1/4x4" Flat	348MPa	476MPa			.21	.19	.055	.003	.003					
		20" A36	49,300	69,000	24.0%											
		ASTM A36/A36M-08, A709/709M-11 G	340MPa	476MPa												
		R36, ASME SA36-10 Ed '11 Ad.														
PO# =>	4500076945															
JW1310162801		Nucor Steel - Texas	59,600	75,200	23.0%		.15	.83	.008	.021	.19	.32				
JW13101628		1-1/4" (1.2500) Round	411MPa	518MPa			.17	.13	.044	.058	.001					
		20" A36/A529GR50	60,600	76,200	22.0%		CE4020	CEA529	MN/C							
		ASTM A36-08, A529-05, A706-09b G	418MPa	525MPa			0.37	0.40	PB = *	**						
		R36, ASME SA36-07 Ed 11 Ad														
		ASTM A529/A529M-05 GR 50														
		ASTM A36/A36M-08, A709/709M-11 G														
		R36, ASME SA36-10 Ed '11 Ad.														
		NICUCR = ***														
PO# =>	4500076945															
JW1310162901		Nucor Steel - Texas	55,500	72,500	21.0%		.14	.85	.009	.018	.19	.32				
JW13101629		1-1/4" (1.2500) Round	383MPa	500MPa			.16	.13	.046	.061	.001					
		20" A36/A529GR50	58,200	74,000	20.0%		CE4020	CEA529	MN/C							
		ASTM A36-08, A529-05, A706-09b G	401MPa	510MPa			0.36	0.39	PB = *	**						
		R36, ASME SA36-07 Ed 11 Ad														
		ASTM A529/A529M-05 GR 50														
		ASTM A36/A36M-08, A709/709M-11 G														
		R36, ASME SA36-10 Ed '11 Ad.														
		NICUCR = ***														

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		YIELD P.S.I.	TENSILE P.S.I.	ELONG % IN 8"	BEND	WT% -DEF	C Ni	Mn Cr	P Mo	S V	Si Cb	Cu Sn	C.E.
PO# => 4500078161													
JW1310171301	Nucor Steel - Texas	50,900	67,500	25.0%		.12	.83	.009	.030	.18	.27		
JW13101713	2x2x1/4 Angle	351MPa	465MPa			.16	.10	.042	.016	.001			
	20' A36/A529GR50	52,800	68,600	24.0%		CE4020	CEA529						
	ASTM A36-08, A529-05, A709-09a G	364MPa	473MPa			0.32	0.35						
	R36, ASME SA36-07 Ed 11 Ad												
PO# => 4500078161													
JW1310171401	Nucor Steel - Texas	52,200	69,000	21.0%		.11	.85	.009	.034	.20	.30		
JW13101714	2x2x1/4 Angle	360MPa	476MPa			.16	.10	.042	.018	.001			
	20' A36/A529GR50	52,100	69,800	22.0%		CE4020	CEA529						
	ASTM A36-08, A529-05, A709-09a G	359MPa	481MPa			0.31	0.35						
	R36, ASME SA36-07 Ed 11 Ad												
PO# => 4500078161													
JW1310171501	Nucor Steel - Texas	52,500	70,700	23.0%		.12	.84	.008	.027	.19	.28		
JW13101715	2x2x1/4 Angle	362MPa	487MPa			.15	.11	.042	.022	.00			
	20' A36/A529GR50	52,200	70,600	24.0%		CE4020	CEA529						
	ASTM A36-08, A529-05, A709-09a G	360MPa	487MPa			0.32	0.36						
	R36, ASME SA36-07 Ed 11 Ad												

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