

SOLD FORTACERO S A DE C V  
 TO: BLVD PRESIDENTE CARLOS SALINAS  
 DE GORTARI KM 8 8  
 APODACANL 66600  
 MEXICO

SHIP FORTACERO - MEXICO CITY (RAIL)  
 TO: 1430 INDUSTRIAL BLVD  
 EAGLE PASS, TX 78852-

**NUCOR**  
 NUCOR CORPORATION  
 NUCOR STEEL TEXAS

**CERTIFIED MILL TEST REPORT**

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

Date: 9-Feb-2012  
 B.L. Number: 596789  
 Load Number: 206369

Material Safety Data Sheets are available at [www.nucorbar.com](http://www.nucorbar.com) or by contacting your inside sales representative.

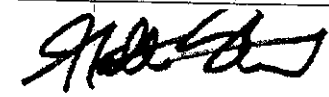
NBMG-08 January 1, 2012

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# => JW1111067201	4500085136 Nucor Steel - Texas	45,600	66,100	25.0%															
JW11110672	3/8x8" Flat	314MPa	456MPa				.11	.75		.014		.040		.20		.30		.31	
	20' A36	45,800	66,400	26.0%			.14	.18		.049		.003		.002					
	ASTM A36/A36M-08, A709/A709M-11 GR36, ASME SA36-07 Ed 11 Ad Cust. Part# = SOL.375X8	316MPa	458MPa																
PO# => JW1111067301	4500085136 Nucor Steel - Texas	46,200	65,700	25.0%															
JW11110673	3/8x8" Flat	319MPa	453MPa				.08	.81		.017		.030		.20		.32		.29	
	20' A36	45,500	64,800	25.0%			.15	.18		.052		.003		.002					
	ASTM A36/A36M-08, A709/A709M-11 GR36, ASME SA36-07 Ed 11 Ad Cust. Part# = SOL.375X8	314MPa	447MPa																
PO# => JW1210004502	4500086527 Nucor Steel - Texas	45,100	68,400	22.0%															
JW12100045	1x3" Flat	311MPa	472MPa				.11	.69		.018		.030		.19		.29		.28	
	20' A36	44,200	67,300	25.0%			.12	.13		.026		.002		.002					
	ASTM A36/A36M-08, A709/A709M-11 GR36, ASME SA36-07 Ed 11 Ad Cust. Part# = SOL 1X3	305MPa	464MPa																
PO# => JW1210006001	4500085136 Nucor Steel - Texas	45,800	66,100	31.0%															
JW12100060	3/8x4" Flat	316MPa	456MPa				.12	.73		.016		.050		.21		.32		.32	
	20' A36	46,100	66,200	32.0%			.15	.17		.047		.003		.001					
	ASTM A36/A36M-08, A709/A709M-11 GR36, ASME SA36-07 Ed 11 Ad Cust. Part# = SOL.375X4	318MPa	456MPa																

I 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: Nathan Stewart



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		YIELD P.S.I.	TENSILE P.S.I.	ELONG % IN 8"	BEND	WT% DEF	C	Mn	Cr	P	S	Si	Cu	Sn	C.E.		
PO# => JW1210031701	4500083402 Nucor Steel - Texas	60,800	78,700	20.0%													
JW12100317	4x5.4# Channel	419MPa	543MPa			.12	.84	.007	.030	.21	.35						
	20' A36/A529GR50	64,500	79,100	23.0%		.13	.10	.033	.002	.014							
	ASTM A36-08, A529-05, A709-09a G	445MPa	545MPa			CE4020	CEA529										
	R36, ASME SA36-07 Ed 11 Ad					0.32	0.36										
	Cust. Part# = C04X8																
PO# => JW1210031701	4500085136 Nucor Steel - Texas	60,800	78,700	20.0%													
JW12100317	4x5.4# Channel	419MPa	543MPa			.12	.84	.007	.030	.21	.35						
	20' A36/A529GR50	64,500	79,100	23.0%		.13	.10	.033	.002	.014							
	ASTM A36-08, A529-05, A709-09a G	445MPa	545MPa			CE4020	CEA529										
	R36, ASME SA36-07 Ed 11 Ad					0.32	0.36										
	Cust. Part# = C04X8																
PO# => JW1210031801	4500085136 Nucor Steel - Texas	61,400	78,800	23.0%													
JW12100318	4x5.4# Channel	423MPa	543MPa			.11	.86	.006	.037	.21	.36						
	20' A36/A529GR50	60,900	78,600	22.0%		.12	.09	.029	.001	.011							
	ASTM A36-08, A529-05, A709-09a G	420MPa	542MPa			CE4020	CEA529										
	R36, ASME SA36-07 Ed 11 Ad					0.31	0.35										
	Cust. Part# = C04X8																
PO# => JW1210031801	4500086527 Nucor Steel - Texas	61,400	78,800	23.0%													
JW12100318	4x5.4# Channel	423MPa	543MPa			.11	.86	.006	.037	.21	.36						
	20' A36/A529GR50	60,900	78,600	22.0%		.12	.09	.029	.001	.011							
	ASTM A36-08, A529-05, A709-09a G	420MPa	542MPa			CE4020	CEA529										
	R36, ASME SA36-07 Ed 11 Ad					0.31	0.35										
	Cust. Part# = C04X8																

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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
PO# => JW1210038503	4500085136 Nucor Steel - Texas	40,100	58,300	29.0%			.12		.64	.007		.030		.19		.25		.28
JW12100385	3/8x2-1/2" Flat 20' A36	276MPa	402MPa				.12		.12	.034		.002		.002				
	ASTM A36/A36M-08, A709/A709M-11 GR36, ASME SA36-07 Ed 11 Ad Cust. Part# = SOL.375X2.5	41,200	58,700	29.0%														
PO# => JW1210041502	4500085136 Nucor Steel - Texas	47,900	66,500	27.0%			.12		.63	.016		.030		.20		.36		.29
JW12100415	3/8x2-1/2" Flat 20' A36	330MPa	459MPa				.11		.14	.036		.002		.002				
	ASTM A36/A36M-08, A709/A709M-11 GR36, ASME SA36-07 Ed 11 Ad Cust. Part# = SOL.375X2.5	48,200	67,300	28.0%														
PO# => JW1210054301	4500086527 Nucor Steel - Texas	48,000	67,500	27.0%			.11		.72	.010		.040		.21		.29		.30
JW12100543	1/4x2" Flat 20' A36	331MPa	465MPa				.15		.16	.041		.002		.003				
	ASTM A36/A36M-08, A709/A709M-11 GR36, ASME SA36-07 Ed 11 Ad Cust. Part# = SOL.25 X 2	48,500	67,500	27.0%														
PO# => JW1210087701	4500086527 Nucor Steel - Texas	54,500	69,800	20.0%			.10		.80	.008		.039		.21		.32		
JW12100877	3x4.1# Channel 20' A36/A529GR50	376MPa	481MPa				.17		.14	.049		.002		.011				
	ASTM A36-08, A529-05, A709-09a G R36, ASME SA36-07 Ed 11 Ad Cust. Part# = C03X6	54,200	69,600	21.0%			CE4020		CEA529									
		374MPa	480MPa				0.30		0.34									

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PO# => JW1210087801	4500086527 Nucor Steel - Texas	54,200	71,300	24.0%															
JW12100878	3x4.1# Channel	374MPa	492MPa				.11	.81		.008				.040	.20		.31		
	20' A36/A529GR50	54,300	70,300	21.0%			.18	.13		.053				.003	.012				
	ASTM A36-08, A529-05, A709-09a G	374MPa	485MPa				CE4020 - CEA529												
	R36, ASME SA36-07 Ed.11 Ad						0.31	0.35											
	Cust. Part# = C03X6																		
PO# => JW1210088001	4500086527 Nucor Steel - Texas	60,300	79,200	21.0%															
JW12100880	3x4.1# Channel	416MPa	546MPa				.11	.82		.007				.035	.21		.34		
	20' A36/A529GR50	60,600	77,800	21.0%			.15	.14		.046				.003	.012				
	ASTM A36-08, A529-05, A709-09a G	418MPa	536MPa				CE4020 - CEA529												
	R36, ASME SA36-07 Ed.11 Ad						0.32	0.35											
	Cust. Part# = C03X6																		

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