



DEACERO
EXCELENCIA EN CALIDAD

Acoria Ramos Arizpe
 Carretera a Monclova Km 4 #2125 Tramo Santa Cruz-Ojo Caliente
 C.P./ZIP 25900 RAMOS ARIZPE, COAHUILA
 Tel/Phone (+52) 01 818 368 1111
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/ CERTIFICATE OF TEST ANALYSIS

No. Certificado / Certificate No:	7155 - 24206422 - 22
Fecha / Date:	25/10/2022

Hecho en México / Made in Mexico

DATOS DEL CLIENTE / SOLD TO		CLIENTE CONSIGNADO / SHIP TO	
Cliente / Customer: SUPERIOR SUPPLY AND STEEL		Cliente / Customer: SUPERIOR SUPPLY AND STEEL	
Dirección / Address: 318 NORTH CITIES SERVICE HWY		Dirección / Address: 318 N. Cities Service Hwy	
Ciudad / City: SULPHUR	Estado / State: LA	Ciudad / City: SULPHUR	Estado / State: LA
Teléfono / Phone: 337 625 2300	País / Country: USA C.P./ZIP 70663		
Correo Electrónico / eMail:			
		DATOS DEL EMBARQUE / SHIPPING INFORMATION	
		Núm. Viaje / Travel No: 7155	
		Núm. Factura / Invoice No: UK8575	
		Pedido / Customer Order No: 24206422	
		Núm. Plan / Shipping Plan: 7247	
		Fecha Embarque / Date: 25/10/2022	
		Orden de Compra / Purchase Order: P0236215 1	

COMPOSICIÓN QUÍMICA / CHEMICAL COMPOSITION (% PESO / WEIGHT)																		
Colada / Heat	Secuencia / Sequence	Clave / Code	Producto / Description of Goods	% C	% Mn	% Si	% P	% S	% Cu	% Cr	% Ni	% Mo	% Sn	% Ti	% V	% Nb	% N	CE
50208	13779	62278	FLAT BAR 2" x 1/4" A36/529-50 20' 2.0T ASTM A6/A36/A529-50	0.21	0.70	0.19	0.009	0.013	0.22	0.073	0.091	0.020	0.010	0.001	0.004	0.002	0.008	0.349
58445	22008	62278	FLAT BAR 2" x 1/4" A36/529-50 20' 2.0T ASTM A6/A36/A529-50	0.20	0.70	0.18	0.010	0.011	0.22	0.074	0.069	0.016	0.009	0.001	0.002	0.000	0.008	0.337
58445	22010	62278	FLAT BAR 2" x 1/4" A36/529-50 20' 2.0T ASTM A6/A36/A529-50	0.20	0.70	0.18	0.010	0.011	0.22	0.074	0.069	0.016	0.009	0.001	0.002	0.000	0.008	0.337
28351	35882	62284	FLAT BAR 4" x 1/4" A36/529-50 20' 2.0T ASTM A6/A36/A529-50	0.21	0.91	0.21	0.007	0.008	0.20	0.098	0.109	0.020	0.012	0.008	0.012	0.008	0.009	0.384
57827	64480	62284	FLAT BAR 4" x 1/4" A36/529-50 20' 2.0T ASTM A6/A36/A529-50	0.21	0.71	0.21	0.008	0.008	0.24	0.091	0.083	0.020	0.010	0.001	0.004	0.001	0.008	0.347
57827	64481	62284	FLAT BAR 4" x 1/4" A36/529-50 20' 2.0T ASTM A6/A36/A529-50	0.21	0.71	0.21	0.008	0.008	0.24	0.091	0.083	0.020	0.010	0.001	0.004	0.001	0.008	0.347
57827	64482	62284	FLAT BAR 4" x 1/4" A36/529-50 20' 2.0T ASTM A6/A36/A529-50	0.21	0.71	0.21	0.008	0.008	0.24	0.091	0.083	0.020	0.010	0.001	0.004	0.001	0.008	0.347
58219	64930	13574	CHANNEL 3" x 4.1 A36/529-50 20' 2.0T	0.20	0.70	0.19	0.009	0.010	0.22	0.071	0.083	0.020	0.010	0.001	0.003	0.001	0.008	0.338
58219	64931	13574	CHANNEL 3" x 4.1 A36/529-50 20' 2.0T	0.20	0.70	0.19	0.009	0.010	0.22	0.071	0.083	0.020	0.010	0.001	0.003	0.001	0.008	0.338
58221	64933	13574	CHANNEL 3" x 4.1 A36/529-50 20' 2.0T	0.22	0.76	0.25	0.011	0.011	0.22	0.083	0.079	0.022	0.011	0.001	0.004	0.001	0.009	0.364
58222	64928	13574	CHANNEL 3" x 4.1 A36/529-50 20' 2.0T	0.21	0.70	0.20	0.015	0.012	0.21	0.105	0.078	0.023	0.012	0.001	0.004	0.000	0.008	0.348

PROPIEDADES MECÁNICAS / MECHANICAL PROPERTIES

Colada / Heat	Secuencia / Sequence	Clave / Code	Producto / Description of Goods	Calibre / Diámetro	Cantidad / Bundle	RT	TS	% Elong	LF	YS	P. Doblez / Bend Test
						kgf/mm ²	PSI	AVG	kgf/mm ²	PSI	
50208	13779	62278	FLAT BAR 2" x 1/4" A36/529-50 20' 2.0T ASTM A6/A36/A529-50	2" x 1/4"	1	53.49	76121.98	32.97	41.10	58485.30	Cumple / Successfully
58445	22008	82278	FLAT BAR 2" x 1/4" A36/529-50 20' 2.0T ASTM A6/A36/A529-50	2" x 1/4"	3	53.20	75713.56	22.75	40.01	58937.07	Cumple / Successfully

Certificamos que este material ha sido producido, inspeccionado y probado de acuerdo a las normas de fabricación del acero aplicables a la ASTM A36-2008, A529-2005 (re aprobada el 2009), A572-2012 y A992-2011 y a las normas dimensionales NMX B252, ASTM A6/A6M-2012. / We certify that this material has been produced hot-rolled carbon, inspected and tested according to standards applicable steelmaking to ASTM A36-2008, A529-2005 (Reapproved 2009), A572-2012 y A992-2011, and the dimensional standards NMX B252, ASTM A6/A6M-2012.



MANUEL MARCELINO GARCIA RAMOS
 Gerente de Aseguramiento de Calidad / Quality Assurance Manager



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PROPIEDADES MECÁNICAS / MECHANICAL PROPERTIES

Colada / Heat	Secuencia / Sequence	Clave / Code	Producto / Description of Goods	Calibre / Diameter	Cantidad / Bundle	RT kg/mm ² AVG	TS PSI AVG	% Elong / Elong AVG	LF kg/mm ² AVG	YS PSI AVG	P. Dobliz / Bend Test
58445	22010	62278	FLAT BAR 2" x 1/4" A36/529-50 20' 2.0T ASTM A6/A36/A529-50	2" x 1/4"	1	52.22	74313.32	22.73	39.71	56508.75	Cumple / Successfully
28351	35882	62284	FLAT BAR 4" x 1/4" A36/529-50 20' 2.0T ASTM A6/A36/A529-50	4" x 1/4"	1	51.88	73825.24	32.19	37.35	53149.05	Cumple / Successfully
57827	64480	62284	FLAT BAR 4" x 1/4" A36/529-50 20' 2.0T ASTM A6/A36/A529-50	4" x 1/4"	2	52.44	74630.65	32.87	39.59	56336.57	Cumple / Successfully
57927	64481	62284	FLAT BAR 4" x 1/4" A36/529-50 20' 2.0T ASTM A6/A36/A529-50	4" x 1/4"	13	51.99	73986.03	29.92	39.75	56577.05	Cumple / Successfully
57927	64482	62284	FLAT BAR 4" x 1/4" A36/529-50 20' 2.0T ASTM A6/A36/A529-50	4" x 1/4"	1	53.37	75956.89	32.85	40.28	57321.28	Cumple / Successfully
58219	64930	13574	CHANNEL 3" x 4.1 A36/529-50 20' 2.0T	3"	13	52.98	75400.50	30.63	38.03	54116.69	Cumple / Successfully
58219	64931	13574	CHANNEL 3" x 4.1 A36/529-50 20' 2.0T	3"	5	52.98	75400.50	30.63	38.03	54116.69	Cumple / Successfully
58221	64933	13574	CHANNEL 3" x 4.1 A36/529-50 20' 2.0T	3"	14	52.98	75400.50	30.63	38.03	54116.69	Cumple / Successfully
58222	64928	13574	CHANNEL 3" x 4.1 A36/529-50 20' 2.0T	3"	12	52.98	75400.50	30.63	38.03	54116.69	Cumple / Successfully

$$CE=[C]+(Cu)/40)+(Mn)/8)+(Ni)/20)+(Cr)/10)-(Mo)/50)-(V)/10)$$

Certificamos que este material ha sido producido, inspeccionado y probado de acuerdo a las normas de fabricación del acero aplicables a la ASTM A36-2008, A529-2005 (re aprobada el 2009), A572-2012 y A992-2011 y a las normas dimensionales NMX B252, ASTM A6/A6M-2012. / We certify that this material has been produced hot-rolled carbon, inspected and tested according to standards applicable steelmaking to ASTM A36-2008, A529-2005 (Reapproved 2009), A572-2012 y A992-2011, and the dimensional standards NMX B252, ASTM A6/A6M-2012.



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