



EXCELENCIA EN CALIDAD

Acoria Ramos Arizpe  
Carretera a Monclova Km. 4 #2125 Tramo Santa Cruz-Ojo Caliente  
C.P./ZIP 25900 RAMOS ARIZPE, COAHUILA  
Telephone (+52) 01 818 368 1111  
MX 01 800 021 3922, USA 1800 332 2376

/ CERTIFICATE OF TEST AN ANALYSIS

No. Certificado / Certificate No:	192 - 24499497 - 22
Fecha / Date:	13/04/2023

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 70863						
Correo Electrónico / eMail:							
DATOS DEL EMBARQUE / SHIPPING INFORMATION							
Núm. Viaje / Travel No: 192				Núm. Factura / Invoice No: VZ205			
Núm. Plan / Shipping Plan: 211				Pedido / Customer Order No: 24499497			
Fecha Embarque / Date: 13/04/2023				Orden de Compra / Purchase Order: P0239779-1			

COMPOSICION QUIMICA / CHEMICAL COMPOSITION (% PESO / WEIGHT)

Corida / Heat	Secuencia / Sequence	Clave / Code	Producto / Description of Goods	% C	% Mn	% Si	% P	% S	% Cu	% Cr	% Ni	% Mo	% Sn	% Ti	% V	% Nb	% N	CE
54496	81138	62284	FLAT BAR 4" x 14" A36/529-50 20' 2.0T ASTM A6/AS/AS29-50	AVG 0.21	AVG 0.73	AVG 0.20	AVG 0.011	AVG 0.014	AVG 0.27	AVG 0.110	AVG 0.092	AVG 0.020	AVG 0.013	AVG 0.001	AVG 0.002	AVG 0.001	AVG 0.006	AVG 0.355
63237	70971	10398	FLAT BAR 8" x 1" A36/529-50 20' 2.0T ASTM A6/AS/AS29-50	0.21	0.72	0.19	0.015	0.012	0.25	0.063	0.066	0.021	0.011	0.000	0.003	0.002	0.008	0.354
63236	70973	10398	FLAT BAR 8" x 1" A36/529-50 20' 2.0T ASTM A6/AS/AS29-50	0.24	0.70	0.20	0.014	0.009	0.22	0.087	0.071	0.024	0.011	0.000	0.003	0.002	0.006	0.375

PROPIEDADES MECANICAS / MECHANICAL PROPERTIES

Calda / Heat	Secuencia / Sequence	Clave / Code	Producto / Description of Goods	Calibre / Diameter	Cantidad / Bundle	RT / kgfmm <sup>2</sup>	TS / PSI	% Elong	LF / kgfmm <sup>2</sup>	YS / PSI	P. Dohler / Band Test
54496	81138	62284	FLAT BAR 4" x 14" A36/529-50 20' 2.0T ASTM A6/AS/AS29-50	4" x 14"	5	54.24	77131.7	33.05	39.64	56365.7	Cumple / Successfuly
63237	70971	10398	FLAT BAR 8" x 1" A36/529-50 20' 2.0T ASTM A6/AS/AS29-50	8" x 1"	3	52.99	75381.4	31.49	38.00	54040.8	Cumple / Successfuly
63236	70973	10398	FLAT BAR 8" x 1" A36/529-50 20' 2.0T ASTM A6/AS/AS29-50	8" x 1"	5	52.99	75381.4	30.51	38.00	54040.8	Cumple / Successfuly

CE=[C]+([Mn]+[Si])/(5)+([Cu]+[Ni])/(15)+([Cr]+[Mo]+[Mn])/(5)



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 A592-2011 y a las normas dimensionales NMX B252, ASTM A6/AS/AS29-50, / 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 A592-2011, and the dimensional standards NMX B252, ASTM A6/AS/AS29-50.

ENTRESA CERTIFICADA  
ISO 9001:2015  
Certificado ISO 9001:2015  
NO. 2021CRE-950  
CERTIFICADO DESDE 2021-10-08

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





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Teléfono / Phone: 337 625 2300	País / Country: USA C.P./ZIP 70863						
Correo Electrónico / eMail:							

Corda / Heat	Secuencia / Sequence	Clave / Code	Producto / Description of Goods	COMPOSICION QUIMICA / CHEMICAL COMPOSITION (% PESO / WEIGHT)														CE
				% C	% Mn	% Si	% P	% S	% Cu	% Cr	% Ni	% Mo	% Sn	% Ti	% V	% Nb	% N	
54496	81138	62284	FLAT BAR 4" x 14" A36/S29-50 20' 2.0T ASTM A6/AS/AS29-50	AVG	0.73	0.20	0.011	0.014	0.27	0.110	0.092	0.020	0.013	0.001	0.002	0.001	0.006	0.355
63237	70971	10398	FLAT BAR 8" x 1" A36/S29-50 20' 2.0T ASTM A6/AS/AS29-50	AVG	0.72	0.19	0.015	0.012	0.25	0.063	0.021	0.021	0.011	0.000	0.003	0.002	0.008	0.354
63238	70973	10398	FLAT BAR 8" x 1" A36/S29-50 20' 2.0T ASTM A6/AS/AS29-50	AVG	0.70	0.20	0.014	0.009	0.22	0.087	0.031	0.024	0.011	0.000	0.003	0.002	0.006	0.375

PROPIEDADES MECANICAS / MECHANICAL PROPERTIES											
Corda / Heat	Secuencia / Sequence	Clave / Code	Producto / Description of Goods	Calibre / Diameter	Cantidad / Bundle	RT / kg/mm <sup>2</sup>	TS / PSI	% Elong	LF / kg/mm <sup>2</sup>	YS / PSI	P. Dohler / Band Test
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CE=[C]+([Mn]+[Si])6+([Cu]+[Ni])15+([Cr]+[Mo]+[Mn])5



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