

**Acería 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
 MX 01 800 021 3322, USA 1800 332 2376

/ CERTIFICATE OF TEST AND ANALYSIS

No. Certificado / Certificate No:	319851 - 25535511
Fecha / Date:	23/11/2024

Hecho en México / Made in Mexico

DATOS DEL CLIENTE / SOLD TO		CLIENTE CONSIGNADO / SHIP TO		DATOS DEL EMBARQUE / SHIPPING INFORMATION	
Cliente / Customer: DEACERO USA INC (CEDI HOUSTON TEX TUBE)		Cliente / Customer: DEACERO USA INC (CEDI HOUSTON TEX TUBE)		Núm. Viaje / Travel No: 319851	
Dirección / Address: 8411 IRVINGTON BLVD		Dirección / Address: 1755 FEDERAL RD		Núm. Factura / Invoice No: FQ227811	
Ciudad / City: HOUSTON Estado / State: , TX		Ciudad / City: HOUSTON Estado / State: , TX		Pedido / Customer Order No: 25535511	
Teléfono / Phone: 332 2376 País / Country: U.S.A. C.P./ZIP 77022-3				Núm. Plan / Shipping Plan: 362200	
Correo Electrónico / eMail:				Fecha Embarque / Date: 22/11/2024	
				Orden de Compra / Purchase Order: P0253058-1	

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	PPM Nb	PPM N	CE
				AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG
78418	87677	62284	FLAT BAR 4" x 1/4" A36/529-50 20' 2.0T ASTM A6/A36/A529-50	0.20	0.71	0.20	0.011	0.018	0.22	0.113 0	0.070 0	0.020 0	0.012 0	0.000 6	0.005 6	19	91	0.347 2
78419	87675	62284	FLAT BAR 4" x 1/4" A36/529-50 20' 2.0T ASTM A6/A36/A529-50	0.22	0.73	0.19	0.007	0.011	0.19	0.097 5	0.065 0	0.017 5	0.010 5	0.000 5	0.004 4	14	83	0.363 1
78419	87676	62284	FLAT BAR 4" x 1/4" A36/529-50 20' 2.0T ASTM A6/A36/A529-50	0.22	0.73	0.19	0.007	0.011	0.19	0.097 5	0.065 0	0.017 5	0.010 5	0.000 5	0.004 4	14	83	0.363 1

PROPIEDADES MECÁNICAS / MECHANICAL PROPERTIES

Colada / Heat	Secuencia / Sequence	Clave / Code	Producto / Description of Goods	Calibre / Diameter	Cantidad / Bundle	RT	TS	% Elong	LF	YS	P. Doblez / Bend Test
						kg/mm²	MPa	/ Elong	kg/mm²	MPa	
						AVG	AVG	AVG	AVG	AVG	
78418	87677	62284	FLAT BAR 4" x 1/4" A36/529-50 20' 2.0T ASTM A6/A36/A529-50	4" x 1/4"	2	54.15	531.07	32.87	42.95	421.20	Cumple / Successfully
78419	87675	62284	FLAT BAR 4" x 1/4" A36/529-50 20' 2.0T ASTM A6/A36/A529-50	4" x 1/4"	2	52.72	517.06	32.87	37.29	365.72	Cumple / Successfully
78419	87676	62284	FLAT BAR 4" x 1/4" A36/529-50 20' 2.0T ASTM A6/A36/A529-50	4" x 1/4"	1	52.72	517.06	32.87	37.29	365.72	Cumple / Successfully

OTROS DATOS ADICIONALES / ADDITIONAL INFORMATION

/ %Elongation specimen 8 in [200 mm]	
/ 1 ppm = 0.0001%	
/ Coating Type: Uncoated	
/ Country of Origin and Exporter: México	

ASTM A6/A36/A529-50 /

The information on the chemical and mechanical properties contained in this certificate are average values obtained from the company's internal records, where we certify that this material has been produced, inspected and tested in accordance with the standard:ASTM A6/A36/A529-50



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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OTROS DATOS ADICIONALES / ADDITIONAL INFORMATION	
/ Integrated Accessories: Strips	
/ Melted and Poured in Mexico	
/ Presentation: Package	
/ Type of Finish: Smooth	
/ Type of Steel: Carbon Steel Hot Rolled	

ASTM A6/A36/A529-50 /

The information on the chemical and mechanical properties contained in this certificate are average values obtained from the company's internal records, where we certify that this material has been produced, inspected and tested in accordance with the standard:ASTM A6/A36/A529-50



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