

**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:	334260 - 25750985
Fecha / Date:	04/05/2025

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-TEXTUBE)		Cliente / Customer: DEACERO USA INC (CEDI Houston-TEXTUBE)		Núm. Viaje / Travel No: 334260	
Dirección / Address: 8411 IRVINGTON BLVD		Dirección / Address: 1503 N Post Oak Rd		Núm. Factura / Invoice No: FQ241685	
Ciudad / City: HOUSTON Estado / State: , TX		Ciudad / City: HOUSTON Estado / State: , TX		Pedido / Customer Order No: 25750985	
Teléfono / Phone: 800 3322376 País / Country: U.S.A. C.P./ZIP 77022				Núm. Plan / Shipping Plan: 379026	
Correo Electrónico / eMail:				Fecha Embarque / Date: 03/05/2025	
				Orden de Compra / Purchase Order: P0255288-1	

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
				AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG
82132	46433	60625	ANGLE 2 1/2" x 2 1/2" x 1/4" A36/529-50 20' 2.0T	0.20	0.70	0.19	0.007	0.016	0.26	0.0980	0.0960	0.0230	0.0140	0.0004	0.0034	0.0008	0.0113	0.3465
82155	46430	60625	ANGLE 2 1/2" x 2 1/2" x 1/4" A36/529-50 20' 2.0T	0.25	0.70	0.19	0.005	0.011	0.25	0.0900	0.0865	0.0210	0.0110	0.0005	0.0036	0.0012	0.0084	0.3915
82155	46431	60625	ANGLE 2 1/2" x 2 1/2" x 1/4" A36/529-50 20' 2.0T	0.25	0.70	0.19	0.005	0.011	0.25	0.0900	0.0865	0.0210	0.0110	0.0005	0.0036	0.0012	0.0084	0.3915

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/mm ²	MPa	/ Elong	kg/mm ²	MPa	
82132	46433	60625	ANGLE 2 1/2" x 2 1/2" x 1/4" A36/529-50 20' 2.0T	2 1/2" x 2 1/2" x 1/4"	3	50.72	497.39	30.73	40.88	400.97	Cumple / Successfully
82155	46430	60625	ANGLE 2 1/2" x 2 1/2" x 1/4" A36/529-50 20' 2.0T	2 1/2" x 2 1/2" x 1/4"	2	50.90	499.15	30.95	41.89	410.84	Cumple / Successfully
82155	46431	60625	ANGLE 2 1/2" x 2 1/2" x 1/4" A36/529-50 20' 2.0T	2 1/2" x 2 1/2" x 1/4"	2	51.22	502.29	30.81	41.63	408.31	Cumple / Successfully

OTROS DATOS ADICIONALES / ADDITIONAL INFORMATION	
/ %Elongation specimen 8 in [200 mm]	
/ 1 ppm = 0.0001%	
/ Coating Type: Uncoated	

$$CE=[C]+((Mn+[Si])/6)+((Cu+[Ni])/15)+((Cr+[Mo]+[V]+[Nb])/5)$$

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 A992-2011 y a las normas dimensionales NMX B252, ASTM A6/A6M-2012.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



EMPRESA CERTIFICADA



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

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



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:	334260 - 25750985
Fecha / Date:	04/05/2025

Hecho en México / Made in Mexico

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



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.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



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