



**EXCELENCIA EN CALIDAD**

**Acerta 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 800 831 5700, USA 1800 332 2376,  
customerdeal@deacero.com

/ CERTIFICATE OF TEST AND ANALYSIS

No. Certificado / 8266 - 25384636 - 22  
Certificate No:  
Fecha / Date: 04/11/2024

Hecho en México / Made in Mexico

DATOS DEL CLIENTE / SOLD TO		CLIENTE CONSIGNADO / SHIP TO	
Cliente / Customer: SUPERIOR SUPPLY AND STEEL		Cliente / Customer: BEAUMONT	
Dirección / Address: 318 NORTH CITIES SERVICE HWY		Dirección / Address: 4855 FANNETT ROAD	
Ciudad / City: SULPHUR	Estado / State: LA	Ciudad / City: BEAUMONT	Estado / State: TX
Teléfono / Phone: 337 625 2300	País / Country: USA C.P./ZIP 70663		
Correo Electrónico / Email: clabauve@supstl.com			
DATOS DEL EMBARQUE / SHIPPING INFORMATION		DATOS DEL EMBARQUE / SHIPPING INFORMATION	
	Num. Vaje / Travel No: 8266		Num. Vaje / Travel No: 8266
	Num. Factura / Invoice No: UK9833		Num. Factura / Invoice No: UK9833
	Pedido / Customer Order No: 25384636		Pedido / Customer Order No: 25384636
	Num. Plan / Shipping Plan: 8364		Num. Plan / Shipping Plan: 8364
	Fecha Embarque / Date: 04/11/2024		Fecha Embarque / Date: 04/11/2024
	Orden de Compra / Purchase Order: P0250652-1		Orden de Compra / Purchase Order: P0250652-1

**COMPOSICIÓN QUÍMICA / CHEMICAL COMPOSITION (% PESO / WEIGHT)**

Celda / 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	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	
75522	84495	78012	WIDE FLANGE BEAM 8" x 15.0 A992/A572-50 40' 3.8T N/A	0.07	1.02	0.23	0.005	0.004	0.08	0.052	0.039	0.010	0.005	0.011	0.005	0.034	0.008	0.254	0.008	0.254	0.008	0.254	0.008	0.254	0.008	0.254	0.008	0.254	0.008	0.254	0.254	
75523	84492	78012	WIDE FLANGE BEAM 8" x 15.0 A992/A572-50 40' 3.8T N/A	0.07	1.03	0.23	0.006	0.007	0.09	0.048	0.042	0.010	0.005	0.011	0.004	0.032	0.008	0.254	0.008	0.254	0.008	0.254	0.008	0.254	0.008	0.254	0.008	0.254	0.008	0.254	0.254	
75523	84494	78012	WIDE FLANGE BEAM 8" x 15.0 A992/A572-50 40' 3.8T N/A	0.07	1.03	0.23	0.006	0.007	0.09	0.048	0.042	0.010	0.005	0.011	0.004	0.032	0.008	0.254	0.008	0.254	0.008	0.254	0.008	0.254	0.008	0.254	0.008	0.254	0.008	0.254	0.254	
77319	86370	78012	WIDE FLANGE BEAM 8" x 15.0 A992/A572-50 40' 3.8T N/A	0.07	1.01	0.23	0.007	0.008	0.12	0.058	0.049	0.011	0.010	0.010	0.004	0.033	0.008	0.253	0.008	0.253	0.008	0.253	0.008	0.253	0.008	0.253	0.008	0.253	0.008	0.253	0.253	
75675	84651	78027	WIDE FLANGE BEAM 8" x 18.0 A992/A572-50 40' 3.9T N/A	0.07	1.03	0.23	0.007	0.005	0.09	0.073	0.040	0.014	0.006	0.011	0.004	0.033	0.008	0.262	0.008	0.262	0.008	0.262	0.008	0.262	0.008	0.262	0.008	0.262	0.008	0.262	0.262	
76640	86145	78027	WIDE FLANGE BEAM 8" x 18.0 A992/A572-50 40' 3.9T N/A	0.07	1.00	0.23	0.007	0.002	0.07	0.096	0.036	0.010	0.005	0.010	0.006	0.032	0.008	0.251	0.008	0.251	0.008	0.251	0.008	0.251	0.008	0.251	0.008	0.251	0.008	0.251	0.251	
76640	86147	78027	WIDE FLANGE BEAM 8" x 18.0 A992/A572-50 40' 3.9T N/A	0.07	1.00	0.23	0.007	0.002	0.07	0.096	0.036	0.010	0.005	0.010	0.006	0.032	0.008	0.251	0.008	0.251	0.008	0.251	0.008	0.251	0.008	0.251	0.008	0.251	0.008	0.251	0.251	
76641	86151	78027	WIDE FLANGE BEAM 8" x 18.0 A992/A572-50 40' 3.9T N/A	0.07	1.01	0.24	0.006	0.004	0.11	0.099	0.044	0.016	0.005	0.010	0.006	0.030	0.008	0.259	0.008	0.259	0.008	0.259	0.008	0.259	0.008	0.259	0.008	0.259	0.008	0.259	0.259	

**PROPIEDADES MECÁNICAS / MECHANICAL PROPERTIES**

Celda / Heat	Secuencia / Sequence	Clave / Code	Producto / Description of Goods	Calibre / Diameter	Cantidad / Bundle	RT		TS		% Elong / Elong		LF		YS		P. Doble / Bend Test
						kg/mm <sup>2</sup> AVG	kg/mm <sup>2</sup> AVG	kg/mm <sup>2</sup> AVG	kg/mm <sup>2</sup> AVG	% AVG	% AVG	kg/mm <sup>2</sup> AVG	kg/mm <sup>2</sup> AVG			
75522	84495	78012	WIDE FLANGE BEAM 8" x 15.0 A992/A572-50 40' 3.8T N/A	8"	1	52.84	52.84	32.87	41.42	32.87	41.42	41.42	41.42	41.42	41.42	Cumple / Successfully
75523	84492	78012	WIDE FLANGE BEAM 8" x 15.0 A992/A572-50 40' 3.8T N/A	8"	1	52.86	52.86	32.99	41.41	32.99	41.41	41.41	41.41	41.41	41.41	Cumple / Successfully
75523	84494	78012	WIDE FLANGE BEAM 8" x 15.0 A992/A572-50 40' 3.8T N/A	8"	1	52.87	52.87	32.99	41.41	32.99	41.41	41.41	41.41	41.41	41.41	Cumple / Successfully
77319	86370	78012	WIDE FLANGE BEAM 8" x 15.0 A992/A572-50 40' 3.8T N/A	8"	1	52.85	52.85	32.12	38.16	32.12	38.16	38.16	38.16	38.16	38.16	Cumple / Successfully
75675	84651	78027	WIDE FLANGE BEAM 8" x 18.0 A992/A572-50 40' 3.9T N/A	8"	5	53.54	53.54	32.87	41.41	32.87	41.41	41.41	41.41	41.41	41.41	Cumple / Successfully
76640	86145	78027	WIDE FLANGE BEAM 8" x 18.0 A992/A572-50 40' 3.9T N/A	8"	4	52.86	52.86	32.87	41.03	32.87	41.03	41.03	41.03	41.03	41.03	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, A572-2005 (re aprobada el 2009), A572-2012 y A992-2011 y a las normas dimensionales NMX B252, ASTM A6/A6M-2012, ASTM A6/A992/A572-50 / 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/A992/A572-50



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



EXCELENCIA EN CALIDAD

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PROPIEDADES MECANICAS / MECHANICAL PROPERTIES

Colada / Heat	Secuencia / Sequence	Clave / Code	Producto / Description of Goods	Calibre / Diameter	Cantidad / Bundle	RT kg/mm <sup>2</sup> AVG	TS kg/mm <sup>2</sup> AVG	% Elong / Elong AVG	LF kg/mm <sup>2</sup> AVG	YS kg/mm <sup>2</sup> AVG	P. Doblez / Bend Test
76640	86147	78027	WIDE FLANGE BEAM 8" x 18.0	8"	4	52.86	52.86	32.99	41.04	41.04	Cumple / Successfully
76641	86151	78027	WIDE FLANGE BEAM 8" x 18.0 A992/A572-50 40' 3.9T N/A A992/A572-50 40' 3.9T N/A	8"	1	52.86	52.86	32.99	41.04	41.04	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	
/ Integrated Accessories: Strips	
/ Melted and Poured in Mexico	
/ Presentation: Package	
/ Type of Finish: Smooth	
/ Type of Steel: Carbon Steel Hot Rolled	

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RB  
11-8-24  
1:40

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