



www.prolamsa.com

CERTIFICADO DE CALIDAD / MILL TEST REPORT

CLIENTE / SOLD TO	DESTINATARIO/SHIP TO	FACTURA/INVOICE
Aceromex, S.A. de C.V. Carretera Monterrey - Laredo Km. 27 S/C Cienega de Flores NL C.P.65590	Aceromex, S.A. de C.V. Carretera Monterrey - Laredo Km. 27 S/C Cienega de Flores NL C.P. 65590	216725
		FECHA/DATE
		08/08/2014

O.C./ P.O.	PEDIDO/ ORDER	ROLLO/ COIL	LOTE/ PACKAGE	CODIGO/ CODE	DESCRIPCIÓN DEL MATERIAL/ MATERIAL DESCRIPTION	LONGITUD/ LENGTH	%C	%Mn	%P	%S	%Si
4500107260	10130127-10	0009350296	0009532141	300257	PC 10.0X2.75 0.0747 CCCSDPR STK 10.000	10000 mm	0.0863	0.5995	0.0180	0.0099	0.0051
4500107398	10130414-10	0009189966	0009493894	300258	PC 10.0X2.75 0.0747 CARSDPG STK 10.000	10000 mm	0.0540	0.8200	0.0090	0.0040	0.0130
4500107447	10130424-80	0009354323	0009511578	300254	PC 8.00X2.75 0.0747 CCCSDPR STK 8.000	8000 mm	0.0791	0.5962	0.0181	0.0104	0.0038
4500108082	10131017-131	0009318536	0009503019	300265	PC 12.0X3.50 0.0747 CCCSDPR STK 12.000	12000 mm	0.0782	0.5962	0.0186	0.0104	0.0050
4500108082	10131017-131	0009318535	0009502907	300265	PC 12.0X3.50 0.0747 CCCSDPR STK 12.000	12000 mm	0.0733	0.5832	0.0197	0.0119	0.0153
4500108082	10131017-140	0009278751	0009529227	300251	PC 6.00X2.00 0.0747 CCCSDPR STK 6.000	6000 mm	0.0818	0.5567	0.0164	0.0144	0.0091
4500108082	10131017-140	0009278751	0009529220	300251	PC 6.00X2.00 0.0747 CCCSDPR STK 6.000	6000 mm	0.0818	0.5567	0.0164	0.0144	0.0091
4500108082	10131017-140	0009231296	0009529301	300251	PC 6.00X2.00 0.0747 CCCSDPR STK 6.000	6000 mm	0.0832	0.5774	0.0139	0.0153	0.0096
4500108082	10131017-140	0009231296	0009529283	300251	PC 6.00X2.00 0.0747 CCCSDPR STK 6.000	6000 mm	0.0832	0.5774	0.0139	0.0153	0.0096
4500108082	10131017-140	0009278751	0009529211	300251	PC 6.00X2.00 0.0747 CCCSDPR STK 6.000	6000 mm	0.0818	0.5567	0.0164	0.0144	0.0091
4500108082	10131017-140	0009278751	0009529190	300251	PC 6.00X2.00 0.0747 CCCSDPR STK 6.000	6000 mm	0.0818	0.5567	0.0164	0.0144	0.0091
4500108082	10131017-140	0009283060	0009529116	300251	PC 6.00X2.00 0.0747 CCCSDPR STK 6.000	6000 mm	0.0960	0.6200	0.0155	0.0106	0.0216
4500108082	10131017-140	0009283060	0009529118	300251	PC 6.00X2.00 0.0747 CCCSDPR STK 6.000	6000 mm	0.0960	0.6200	0.0155	0.0106	0.0216
4500108082	10131017-150	0009214059	0009486745	311204	CUAD 1.500 0.1196 CGBSDN STK 6.000	6000 mm	0.1290	0.4760	0.0140	0.0100	

O.C./ P.O.	PEDIDO/ ORDER	ROLLO/ COIL	LOTE/ PACKAGE	PROPIEDADES FISICAS/ MECHANICAL PROPERTIES			ESTANDAR/ STANDAR	COLADA/ HEAT	HECHO / MADE
				DUREZA/ (HRB)	TENSION/ TENSILE (ksi)	CEDECENCIA/ YIELD (ksi)			
4500107260	10130127-10	0009350296	0009532141	50	45	33	24	245179	Made in Mexico
4500107398	10130414-10	0009189966	0009493894	76.6	69	57	29	1404169570	Made in Mexico
4500107447	10130424-80	0009354323	0009511578	50	45	33	24	145803	Made in Mexico
4500108082	10131017-131	0009318536	0009503019	50	45	33	24	442467	Made in Mexico
4500108082	10131017-131	0009318535	0009502907	50	45	33	24	442468	Made in Mexico
4500108082	10131017-140	0009278751	0009529227	50	45	33	24	442317	Made in Mexico
4500108082	10131017-140	0009278751	0009529220	50	45	33	24	442317	Made in Mexico
4500108082	10131017-140	0009231296	0009529301	50	45	33	24	441182	Made in Mexico
4500108082	10131017-140	0009231296	0009529283	50	45	33	24	441182	Made in Mexico
4500108082	10131017-140	0009278751	0009529211	50	45	33	24	442317	Made in Mexico
4500108082	10131017-140	0009278751	0009529190	50	45	33	24	442317	Made in Mexico
4500108082	10131017-140	0009283060	0009529116	50	45	33	24	244621	Made in Mexico
4500108082	10131017-140	0009283060	0009529118	50	45	33	24	244621	Made in Mexico
4500108082	10131017-150	0009214059	0009486745	79	64	54	29	A500 Grado B K69980PT	Made in Mexico



CERTIFICADO DE CALIDAD / MILL TEST REPORT

www.prolamsa.com

CLIENTE / SOLD TO	DESTINATARIO/SHIP TO	FACTURA/INVOICE
Aceromex, S.A. de C.V. Carretera Monterrey - Laredo Km. 27 S/C Cienega de Flores NL C.P.65590	Aceromex, S.A. de C.V. Carretera Monterrey - Laredo Km. 27 S/C Cienega de Flores NL C.P. 65590	216725
		FECHA/DATE
		08/08/2014

O.C./ P.O.	PEDIDO/ ORDER	ROLLO/ COIL	LOTE/ PACKAGE	CÓDIGO/ CODE	DESCRIPCIÓN DEL MATERIAL/ MATERIAL DESCRIPTION	LONGITUD/ LENGTH	ANÁLISIS				
							%C	%Mn	%P	%S	%Si
4500108082	10131017-150	0009214059	0009486699	311204	CUAD 1.500 0.1196 CGBSDN STK 6.000	6000 mm	0.1290	0.4760	0.0140	0.0100	
4500108082	10131017-150	0009227777	0009486681	311204	CUAD 1.500 0.1196 CGBSDN STK 6.000	6000 mm	0.0865	0.3203	0.0173	0.0079	0.0076
4500108082	10131017-150	0009227777	0009486665	311204	CUAD 1.500 0.1196 CGBSDN STK 6.000	6000 mm	0.0865	0.3203	0.0173	0.0079	0.0076
4500108082	10131017-160	0009187228	0009521882	311203	CUAD 1.500 0.1046 CCCSDN STK 6.000	6000 mm	0.0430	0.2170	0.0120	0.0120	
4500108082	10131017-160	0009187228	0009521885	311203	CUAD 1.500 0.1046 CCCSDN STK 6.000	6000 mm	0.0430	0.2170	0.0120	0.0120	
4500108082	10131017-181	0009395393	0009514921	306202	CUAD# 2.000### 0.2500 CGBSDPR STK# 6.096	6096 mm	0.1725	0.8433	0.0223	0.0076	0.1141
4500108082	10131017-181	0009395393	0009514943	306202	CUAD# 2.000### 0.2500 CGBSDPR STK# 6.096	6096 mm	0.1725	0.8433	0.0223	0.0076	0.1141
4500108082	10131017-181	0009395393	0009515006	306202	CUAD# 2.000### 0.2500 CGBSDPR STK# 6.096	6096 mm	0.1725	0.8433	0.0223	0.0076	0.1141
4500108082	10131017-181	0009403233	0009515006	306202	CUAD# 2.000### 0.2500 CGBSDPR STK# 6.096	6096 mm	0.1825	0.9000	0.0209	0.0062	0.0968
4500108082	10131017-181	0009395393	0009514972	306202	CUAD# 2.000### 0.2500 CGBSDPR STK# 6.096	6096 mm	0.1725	0.8433	0.0223	0.0076	0.1141
4500108082	10131017-250	0009350296	0009532201	300257	PC 10.0X2.75 0.0747 CCCSDPR STK 10.000	10000 mm	0.0863	0.5995	0.0180	0.0099	0.0051
4500108082	10131017-250	0009350296	0009532295	300257	PC 10.0X2.75 0.0747 CCCSDPR STK 10.000	10000 mm	0.0863	0.5995	0.0180	0.0099	0.0051
4500108082	10131017-250	0009350296	0009532299	300257	PC 10.0X2.75 0.0747 CCCSDPR STK 10.000	10000 mm	0.0863	0.5995	0.0180	0.0099	0.0051
4500108082	10131017-250	0009334530	0009532304	300257	PC 10.0X2.75 0.0747 CCCSDPR STK 10.000	10000 mm	0.0966	0.5845	0.0185	0.0106	0.0062

O.C./ P.O.	PEDIDO/ ORDER	ROLLO/ COIL	LOTE/ PACKAGE	PROPIEDADES FÍSICAS/ MECHANICAL			PROPERTIES		ESTANDAR/ STANDAR	COLADA/ HEAT	HECHO / MADE
				DUREZA/ (HRB)	TENSION/ TENSILE (ksi)	CEDENCIA/ YIELD (ksi)	ELONGACION/ ELONGATION(%)				
4500108082	10131017-150	0009214059	0009486699	79	64	54	29	A500 Grado B	K69980PT	Made in Mexico	
4500108082	10131017-150	0009227777	0009486681	79	64	55	29	A500 Grado B	144266	Made in Mexico	
4500108082	10131017-150	0009227777	0009486665	79	64	55	29	A500 Grado B	144266	Made in Mexico	
4500108082	10131017-160	0009187228	0009521882	50	45	33	24	A500	K69810PT	Made in Mexico	
4500108082	10131017-160	0009187228	0009521885	50	45	33	24	A500	K69810PT	Made in Mexico	
4500108082	10131017-181	0009395393	0009514921	87	77	61	27	A500 Grado B	145699	Made in Mexico	
4500108082	10131017-181	0009395393	0009514943	87	77	61	27	A500 Grado B	145699	Made in Mexico	
4500108082	10131017-181	0009395393	0009515006	87	77	61	27	A500 Grado B	145699	Made in Mexico	
4500108082	10131017-181	0009403233	0009515006	89	79	64	27	A500 Grado B	442573	Made in Mexico	
4500108082	10131017-181	0009395393	0009514972	87	77	61	27	A500 Grado B	145699	Made in Mexico	
4500108082	10131017-250	0009350296	0009532201	50	45	33	24		245179	Made in Mexico	
4500108082	10131017-250	0009350296	0009532295	50	45	33	24		245179	Made in Mexico	
4500108082	10131017-250	0009350296	0009532299	50	45	33	24		245179	Made in Mexico	
4500108082	10131017-250	0009334530	0009532304	50	45	33	24		145807	Made in Mexico	



www.prolamsa.com

CERTIFICADO DE CALIDAD / MILL TEST REPORT

CLIENTE / SOLD TO	DESTINATARIO/SHIP TO	FACTURA/INVOICE
Aceromex, S.A. de C.V. Carretera Monterrey - Laredo Km. 27 S/C Cienega de Flores NL C.P.65590	Aceromex, S.A. de C.V. Carretera Monterrey - Laredo Km. 27 S/C Cienega de Flores NL C.P. 65590	216725
		FECHA/DATE
		08/08/2014

O.C./ P.O.	PEDIDO/ ORDER	ROLLO/ COIL	LOTE/ PACKAGE	CODIGO/ CODE	DESCRIPCION DEL MATERIAL/ MATERIAL DESCRIPTION	LONGITUD/ LENGTH	ANALISIS				
							%C	%Mn	%P	%S	%Si
4500108082	10131017-250	0009350296	0009532294	300257	PC 10.0X2.75 0.0747 CCCSDPR STK 10.000	10000 mm	0.0863	0.5995	0.0180	0.0099	0.0051
4500108082	10131017-250	0009334530	0009532413	300257	PC 10.0X2.75 0.0747 CCCSDPR STK 10.000	10000 mm	0.0966	0.5845	0.0185	0.0106	0.0062
4500108082	10131017-250	0009334530	0009532415	300257	PC 10.0X2.75 0.0747 CCCSDPR STK 10.000	10000 mm	0.0966	0.5845	0.0185	0.0106	0.0062

O.C./ P.O.	PEDIDO/ ORDER	ROLLO/ COIL	LOTE/ PACKAGE	PROPIEDADES FISICAS/ MECHANICAL			PROPERTIES	ESTANDAR/ STANDAR	COLADA/ HEAT	HECHO / MADE
				DUREZA/ (HRB)	TENSION/ TENSILE (ksi)	CEDECENCIA/ YIELD (ksi)	ELONGACION/ ELONGATION(%)			
4500108082	10131017-250	0009350296	0009532294	50	45	33	24	245179	Made in Mexico	
4500108082	10131017-250	0009334530	0009532413	50	45	33	24	145807	Made in Mexico	
4500108082	10131017-250	0009334530	0009532415	50	45	33	24	145807	Made in Mexico	