



**TERNIUM MEXICO, S.A. DE C.V.**  
 Av. Universidad No. 992, Colonia Cuauhtémoc, San Nicolás de los Garza, N.L.  
 C.P. 66450  
**R.F.C. TME-840710-TR4**

**ESPECIFICACIONES TECNICAS DEL MATERIAL**

CC

**DATOS GENERALES**

29/05/2010

No./ Document number  
720722

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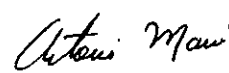
<b>Código cliente/ Customer ID</b> 1269	<b>Pedido No./ Sales order</b> 130849	<b>Orden de compra/ Purchase order</b> 7968
<b>Cliente/ Customer</b> PLESA CIA AV. VALLE DE LAS ALAMEDAS # 66-O COL. SAN FRANCISCO CHILPAN TULTITLAN MX 54940	<b>Remisión/ Delivery</b> 720722	
<b>Medio de Transporte/ Means of transportation</b> Triple eje con susp. de a		

**Descripción de mercaderías/ Goods description**  
ROLLO FRIO RECOCIDO

Datos Generales / General Data											
No. Rollo/Coil id.	Colada/Heat	Recubrimiento/ Coating	Peso/Weight		Espesor/ Thickness mm / in	Ancho/Width		Largo/Length		Capa/Thickness	
			kg	lb		in	mm	m	ft	oz/ft2	g/m2
1407537AE	MR1011039	N/A	7610	16799	2.68 / 0.1055	36.22	920	N/A	N/A	N/A	N/A
1407537AF	MR1011039	N/A	7720	17042	2.68 / 0.1055	36.22	920	N/A	N/A	N/A	N/A

Datos Generales / General Data						
No. Rollo/Coil id.	Colada/Heat	TS/ST (1)	No. Parte/Part	Descripción/Description	Norma de Calidad/Quality Norm	Grado/Grade
1407537AE	MR1011039	N/A		ROLLO FRIO RECOCIDO	SAE J403	1008
1407537AF	MR1011039	N/A		ROLLO FRIO RECOCIDO	SAE J403	1008

1. TS: Tratamiento superficial, Aceitado, Sellado / ST: Superficial treatment, Oiled, Stenciled, etc  
 4. HRBW: Rockwell B Indentador de WC  
 2. LE: Limite elástico / YP: Yield Point  
 5. LI/LL Limite Inferior / Lower Limit  
 3. RT: Resistencia a la tensión / TS: Tensile Strenght  
 6. LS/UL Limite Superior / Upper Limit

<b>Observaciones / Comments</b> N/A	<b>C.I. / ID #</b>
Certificamos que el material aqui descrito ha sido inspeccionado y ensayado por personal autorizado independiente del área de manufactura con resultados satisfactorios en concordancia con la norma arriba descrita. Propiedades Mecánicas bajo las normas ASTM E8, E18, E517, E646, EN-10002, según requerimiento y peso de capa bajo ASTM A90 We here certify that the material described in here has been tested and inspected by authorized personal independent from the manufacturing department with satisfactory results in accordance with requirements of the above specification Mechanical Properties as ASTM E8, E18, E517, E646, EN-10002, as required and coating weight with ASTM A90	<b>Firma / Signature</b>   Ing. Antonio Mani Ternium Labs

DATOS GENERALES

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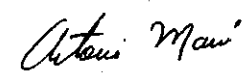
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Calidad del Acero / Steel Quality (Análisis Químico/Chemical Analysis)															
No. Rollo/Coil id.	Colada/Heat	C	Mn	P	S	Al	Si	Cu	Ni	Cr	Mo	V	Cb	Ti	N
1407537AE	MR1011039	0.060	0.179	0.010	0.006	0.033	0.009	0.006	0.014	0.007	0	0.001	0	0	0.004

Calidad del Acero / Steel Quality (Análisis Químico/Chemical Analysis)															
No. Rollo/Coil id.	Colada/Heat	C	Mn	P	S	Al	Si	Cu	Ni	Cr	Mo	V	Cb	Ti	N
1407537AF	MR1011039	0.060	0.179	0.010	0.006	0.033	0.009	0.006	0.014	0.007	0	0.001	0	0	0.004

Notas / Notes:

- 1. TS: Tratamiento superficial, Aceitado, Sellado / ST: Superficial treatment, Oiled, Stenciled, etc
- 2. LE: Limite elástico / YP: Yield Point
- 3. RT: Resistencia a la tensión / TS: Tensile Strength
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- 6. LS/UL Limite Superior / Upper Limit

<b>Observaciones / Comments</b> N/A	<b>C.I. / ID #</b>  <b>Firma / Signature</b>  Ing. Antonio Mani Ternium Labs
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Certificamos que el material aqui descrito ha sido inspeccionado y ensayado por personal autorizado independiente del área de manufactura con resultados satisfactorios en concordancia con la norma arriba descrita.  
 Propiedades Mecánicas bajo las normas ASTM E8, E18, E517, E646, EN-10002, según requerimiento y peso de capa bajo ASTM A90  
 We here certify that the material described in here has been tested and inspected by authorized personal independent from the manufacturing department with satisfactory results in accordance with requirements of the above specification  
 Mechanical Properties as ASTM E8, E18, E517, E646, EN-10002, as required and coating weight with ASTM A90