EST 18503
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FROM : OWENS ILLINOIS PHONE NO. : 52276295 FEB. 03 2005 11:23AM P1

ACERALIA PERFILES MADRID

ACERIA Y LAMINACIÓN

TELEF. (91) 797.23.00 - TELEX 22120 - 49632 ARIS E - TELEFAX (91) 795.31 81
CARRETERA TOLEDO, N-401 - KM. 9,200
28021 VILLAVERDE (Madrid)

AENOR ER Empresa Registrada ER-152/2/93

IP 1210079 II

CERTIFICADO DE CALIDAD - QUALITY CERTIFICATE 398

DISCHARGE ADDRESS / *DIRECCIÓN DE DESCARGA*	CUSTOMER / *CLIENTE*
FERRE BARNIEDO, S.A. DE C.V. AV. REVOLUCION, NO. 81 CP 55000 ECATEPEC EDO. DE MEXICO	FERRE BARNIEDO, S.A. DE C.V. AV REVOLUCION, 81 CP 55000 ECATEPEC EDO DE MEXICO

17357

CREDIT NUMBER / *CARTA DE CREDITO*	PORT OF LOADING / *PUERTO DE CARGA*	PORT OF DISCHARGE / *PUERTO DE DESCARGA*	VESSEL / *BARCO*
	PASAJES, SPAIN	VERACRUZ (MEXICO)	WIND ADMIRAL
OUR REFERENCE / *N./REFERENCIA*	CONTRACT NUMBER / *Nº DE CONTRATO*	ORDER NUMBER / *Nº DE PEDIDO*	DATE / *FECHA*
JUDIT	E-301	4500007967	12/07/2002

MATERIAL : WF VIGAS , CALIDAD ASTM-992 , TOLERANCIAS DE ACUERDO AST A-6 , LARGO 40' .

MARCAS DE COLOR : / AMARILLA / AZUL .

SIZE	LENGTH	BUNDLES	PIECES BUNDLES	TOTAL PIECES	WEIGHT BUNDLES	TOTAL WEIGHT	HEAT
/ AMARILLA / AZUL							
W-10x49	40'	1	6	6	5424	5.424	53261
W-12x53	40'	10	6	60	5862	58.618	53391,53392,53393,53395
W-12x65	40'	13	4	52	4706	61.174	53371,53385,53386,53388,53390,53391
W-18x86	40'	35	3	105	4729	165.523	53225,53226,53227,53228,53231,53233,53236,53237,53238,53239,53240,53241,53242,53246,53247
W-18x106	40'	10	3	30	5794	57.936	53191,53192,53193,53196,53197,53199,53200
W-18x119	40'	12	2	24	4277	51.319	53178,53179,53183,53184,53185,53186,53187
W-12x26	40'	12	12	144	5850	70.205	53186,53191,53192,53193,53206
W-12x35	40'	5	8	40	5284	26.420	53258

TOTAL BUNDLES / *TOTAL PAQUETES* 98 TOTAL WEIGHT / *PESO TOTAL* 496.619 Kg.

AEN 10204 3.1 b CSA G40.21.50W/ASTM A36-A572 G50-A992-A6 (B01/B02/B03) A03

MATERIAL SIZE	COLADA HEAT	COMPOSICION QUIMICA (%) / CHEMICAL COMPOSITION (%)																	
		C	Mn	Si	P	S	N	V	Cr	Nb									Cov
W-10x49	53261	,09	,88	,17	,022	,026	,010	,002	,161	,018									,32
W-12x26	53186	,08	,81	,20	,026	,027	,010	,002	,112	,017									,29
W-12x26	53191	,10	,91	,23	,020	,023	,011	,002	,113	,020									,32
W-12x26	53192	,09	,83	,19	,026	,028	,009	,002	,129	,017									,31
W-12x26	53193	,09	,84	,18	,026	,027	,011	,002	,145	,017									,30
W-12x26	53206	,08	,85	,19	,028	,027	,011	,003	,154	,019									,30
W-12x35	53258	,08	,78	,19	,027	,024	,011	,003	,156	,018									,29
W-12x53	53391	,08	,89	,21	,017	,017	,010	,002	,106	,018									,30
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	,023	,020	,011	,002	,130	,017									,29