

ArcelorMittal Gipuzkoa, S.L.U.

Long Carbon Steel Europe

CARRETERA MADRID - IRUN, KM. 419

20212 OLABERRIA (Gipuzcoa)

TELEF. (943) 80.50.00 - FAX (943) 88.04.04



QUALITY CERTIFICATE

OLA P-25840

DISCHARGE ADDRESS		CUSTOMER	
Plesa Anahuac Y Clas, S.A. de C.V. Av. Valle de las Alamedas 66-O Col. S. Francisco Chilpan, Tul MEXICO		Plesa Anahuac Y Clas, S.A. de C.V. Av. Valle de las Alamedas 66-O Col. S. Francisco Chilpan, Tul MEXICO	
SHIPPED AND CERTIFIED BY		CREDIT NUMBER	PORT OF LOADING
ARCELORMITTAL OLABERRIA CARRETERA MADRID - IRUN, KM. 419 20212 OLABERRIA (Gipuzcoa) TELEF. (943) 80.50.00 - FAX (943) 88.04.04			BILBAO, SPAIN
		PORT OF DISCHARGE	VESSEL
		VERACRUZ	AMSTELBORG
OUR REFERENCE	CONTRACT NUMBER	ORDER NUMBER	DATE
FTRUCHARTE	01-E-36510 / 1700011590	9158	29/11/2010

Material: WF Vigas,

El exportador de los productos incluidos en el presente documento, Autorización aduanera no.

ARCELORMITTAL GIPUZKOA, S.L.U. ES/20/0040/03

Declara que, salvo indicación en sentido contrario, estos productos gozan de un origen preferencial ESPAÑA

SIZE	LENGTH	BUNDLES	PIECES BUNDLES	TOTAL PIECES	WEIGHT BUNDLES	TOTAL WEIGHT	HEAT
+/RED							
WF BEAMS 8x28	40'	5	10	50	5080	25.400	128911
WF BEAMS 12x30	40'	11	8	88	4355	47.905	129146,129147
WF BEAMS 12x40	40'	23	6	138	4355	100.165	128809,128810,128811,128812,128814
WF BEAMS 14x22	40'	4	12	48	4790	19.160	128981,129064
WF BEAMS 14x26	40'	6	10	60	4717	28.302	128977
WF BEAMS 16x26	40'	17	6	102	2830	48.110	129015,129016

TOTAL BUNDLES 66

TOTAL WEIGHT 269.042 Kg.

A02 EN 10204/3.1															A03			
CSA G40.21 50W/ASTM A572 G50/A992/A6															(B01/B02/B03)			
C70:E		COMPOSICION QUIMICA (%) CHEMICAL COMPOSITION (%)													PROPIEDADES MECANICAS MECHANICAL PROPERTIES			
MATERIAL SIZE	COLADA HEAT	C	Mn	Si	P	S	V	Cr	Ni	Mo	Cu	Nb	Sn	CEV	ReH MPa	Rm MPa	A% LO=8"	Doblado 180°
B11	B08	C11	C12	C13	C14	C15	C16								C11	C12	C13	C14
W-12x30	129146	,094	1,340	,180	,023	,029	,001	,120	,140	,030	,410	,018	,039	,384	372	548	24,4	
W-12x30	129147	,081	1,290	,190	,021	,028	,001	,120	,150	,033	,400	,016	,025	,363	373	543	23,3	
W-12x40	128809	,113	1,270	,220	,017	,015	,001	,090	,120	,018	,510	,017	,039	,388	385	547	24,4	
W-12x40	128810	,116	1,250	,190	,014	,012	,001	,100	,150	,023	,540	,018	,037	,395	359	539	21,6	
W-12x40	128811	,108	1,300	,230	,017	,018	,002	,120	,170	,028	,500	,022	,045	,399	364	550	24,1	

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A02 EN 10204/3.1														A03				
CSA G40.21 50W/ASTM A572 G50/A992/A6														(B01/B02/B03)				
C70:E MATERIAL SIZE	COLADA HEAT	COMPOSICION QUIMICA (%) CHEMICAL COMPOSITION (%)												PROPIEDADES MECANICAS MECHANICAL PROPERTIES				
		C	Mn	Si	P	S	V	Cr	Ni	Mo	Cu	Nb	Sn	CEV	ReH MPa	Rm MPa	A% LO=8"	Doblad. 180°
B11	B03	C71	C72	C73	C74	C75	C76							C11	C12	C13	C30	
W-12x40	128812	,124	1,260	,220	,017	,010	,002	,110	,150	,021	,500	,023	,052	,404	368	544	22,6	
W-12x40	128814	,110	1,270	,230	,016	,013	,007	,110	,180	,029	,480	,019	,044	,395	377	549	22,3	
W-14x22	128981	,103	1,270	,180	,019	,032	,003	,150	,180	,045	,360	,022	,053	,390	383	550	23,7	
W-14x22	129064	,100	1,230	,160	,015	,030	,001	,090	,180	,026	,430	,020	,027	,369	397	549	22,6	
W-14x26	128977	,128	1,230	,180	,030	,019	,003	,110	,200	,054	,370	,020	,047	,404	379	548	22,1	
W-16x26	129015	,096	1,270	,220	,029	,028	,002	,120	,230	,037	,440	,018	,046	,384	380	549	23,5	
W-16x26	129016	,127	1,350	,180	,028	,022	,003	,120	,190	,021	,430	,023	,048	,422	391	551	22,5	
W-8x28	128911	,119	1,240	,180	,021	,018	,002	,130	,230	,067	,470	,019	,060	,412	382	550	24,1	

13 análisis

Z01

D01: Inspection - We hereby certify that the above steels have been satisfactorily tested in accordance with the specification.

B06: Marca AMO

J.Mal

Ángel Martínez de Treviño