

ArcelorMittal Gipuzkoa, S.L.U.

Long Carbon Europe

CARRETERA MADRID - IRUN, KM. 419

20212 OLABERRIA (Guipúzcoa)

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



## MILL TEST CERTIFICATE

OLA P-31026

DISCHARGE ADDRESS		CUSTOMER	
Plesa Anahuac Y Cias, S.A. de C.V. Av. Valle de las Alamedas 66-O Col. S. Francisco Chilpan, Tul MEXICO		Plesa Anahuac Y Cias, 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 (Guipúzcoa) TELEF. (943) 80.50.00 - FAX (943) 88.04.04			BILBAO, SPAIN
		PORT OF DISCHARGE	VESSEL
		VERACRUZ	ARAGONBORG
OUR REFERENCE	CONTRACT NUMBER	ORDER NUMBER	DATE
mcabello	01-E-40739 / 1700014083	12160	25/04/2012

Material: WF Vi gas,

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 14x48	40'	16	6	96	5225	83.600	137705,137706
WF BEAMS 18x55	40'	8	4	32	3992	31.936	137780
WF BEAMS 18x60	40'	7	4	28	4354	30.478	137781
WF BEAMS 21x50	40'	4	5	20	4536	18.144	136782,136784
WF BEAMS 21x57	40'	4	5	20	5171	20.684	138108

TOTAL BUNDLES 39

TOTAL WEIGHT 184.842 Kg.

A02 EN 10204/3.1

A03

CSA G40.21 50W/ASTM A572 G50/A992/A6

(B01/B02/B03)

MATERIAL SIZE	COLADA HEAT	COMPOSICION QUIMICA (%) CHEMICAL COMPOSITION (%)													PROPIEDADES MECANICAS MECHANICAL PROPERTIES			
		C	Mn	Si	P	S	V	Cr	Ni	Sn	Mo	Cu	Nb	CEV	ReH MPa	Rm MPa	A% L0=8"	Doblado 180°
B11	B08	C71	C72	C73	C74	C75	C76							C11	C12	C13	C50	
W-14x48	137705	,108	1,130	,180	,021	,014	,039	,100	,220	,031	,033	,350	,003	,369	377	501	25,	
W-14x48	137706	,119	1,190	,200	,022	,019	,039	,120	,240	,030	,041	,370	,014	,398	387	520	22,6	
W-18x55	137780	,089	1,100	,180	,020	,016	,036	,140	,190	,023	,035	,380	,003	,353	409	536	22,4	
W-18x60	137781	,090	1,100	,190	,027	,023	,035	,180	,210	,030	,031	,380	,008	,362	383	532	22,5	
W-21x50	136782	,102	1,170	,190	,018	,017	,040	,150	,260	,043	,061	,310	,006	,385	408	545	23,2	
W-21x50	136784	,102	1,170	,200	,013	,011	,040	,150	,270	,042	,063	,330	,003	,388	409	536	26,5	
W-21x57	138108	,095	1,150	,190	,017	,026	,041	,130	,130	,027	,030	,430	,003	,364	412	522	22,5	

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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	Sn	Mo	Cu	Nb	CEV	ReH MPa	Rm MPa	A% L0=8"	Doblad. 180°
B11	B08	C71	C72	C73	C74	C75	C76								C11	C12	C13	C50

## 7 análisis

Z01

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

B06: Marca AMO

Lorenzo Zabala