

ArcelorMittal Gipuzkoa, S.L.U.

Long Carbon Steel Europe
 CARRETERA MADRID - IRUN, KM. 419
 20212 OLABERRIA (Guipúzcoa)
 TELEF. (943) 80.50.00 - FAX (943) 88.04.04



ArcelorMittal

MILL TEST CERTIFICATE

OLA P-27253

DISCHARGE ADDRESS		CUSTOMER	
Ferre Barniedo, S.A. de C.V. Edo. de Mexico San Cristobal Ecatepec, C.P. MEXICO		Ferre Barniedo, S.A. de C.V. Edo. de Mexico San Cristobal Ecatepec, C.P. MEXICO 44471	
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
		ALTAMIRA	AZORESBOURG
OUR REFERENCE	CONTRACT NUMBER	ORDER NUMBER	DATE
MCABELLO	01-E-37901 / 1700012383	600056R	27/05/2011

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
+WHITE							
WF BEAMS 8x35	40'	20	8	160	5081	101.620	131729,131730
WF BEAMS 8x48	40'	19	6	114	5225	99.275	131726,131727
WF BEAMS 10x39	40'	12	8	96	5661	67.932	131547,131548,131549

TOTAL BUNDLES 51 TOTAL WEIGHT 268,827 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	Mo	Cu	Nb	Sn	CEV	ReH MPa	Rm MPa	A% L0=8"	Doblad. 180°
B11	B08	C71	C72	C73	C74	C75	C76							C11	C12	C13	C50	
W-10x39	131547	,096	1,270	,170	,021	,018	,002	,160	,190	,040	,540	,017	,039	,407	389	595	22,7	
W-10x39	131548	,098	1,240	,190	,022	,021	,002	,150	,180	,036	,550	,021	,041	,391	380	566	22,1	
W-10x39	131549	,109	1,240	,200	,030	,020	,001	,210	,200	,036	,520	,019	,045	,423	386	599	23,3	
W-8x35	131729	,100	1,350	,180	,032	,024	,003	,200	,230	,052	,460	,025	,047	,422	372	559	21,6	
W-8x35	131730	,101	1,260	,200	,025	,020	,002	,110	,230	,065	,540	,020	,040	,398	370	568	21,7	
W-8x48	131726	,095	1,330	,220	,031	,019	,002	,160	,230	,047	,530	,022	,035	,409	360	546	23,4	
W-8x48	131727	,091	1,260	,180	,030	,016	,001	,130	,260	,054	,480	,015	,042	,387	357	545	22,6	

7 análisis

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

B06: Marca AMO

201

Ángel Martínez de Treviño