

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



**QUALITY CERTIFICATE**

**OLA P-26607**

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	ARNEBORG
OUR REFERENCE	CONTRACT NUMBER	ORDER NUMBER	DATE
igomez	01-E-37307 / 1700012129	9878	25/03/2011

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
<b>+/RED</b>							
WF BEAMS 10x12	40'	13	18	234	3919	50.947	130317,130318,130319, 130320
WF BEAMS 10x30	40'	11	8	88	4355	47.905	130312,130313
WF BEAMS 12x14	40'	7	18	126	4571	31.997	130331,130332,130334
WF BEAMS 12x26	40'	21	10	210	4717	99.057	130327,130328,130336, 130337
WF BEAMS 12x40	40'	14	6	84	4355	60.970	130232,130233,130234, 130235,130236
WF BEAMS 12x50	40'	15	6	90	5443	81.645	130237,130238,130239, 130240
WF BEAMS 14x22	40'	8	12	96	4790	38.320	130194,130195,130232, 130233,130234
WF BEAMS 14x26	40'	8	10	80	4717	37.736	130149,130152,130153, 130171
WF BEAMS 14x30	40'	14	8	112	4355	60.970	130195,130196
WF BEAMS 14x34	40'	12	8	96	4935	59.220	130193,130194
WF BEAMS 14x38	40'	12	6	72	4137	49.644	130192,130193
WF BEAMS 21x44	40'	15	5	75	3992	59.880	130841,130848,130849
WF BEAMS 24x55	40'	12	5	60	4990	59.880	130436,130437,130438, 130446
WF BEAMS 12x19	40'	8	14	112	4827	38.616	130322,130323,130324, 130337

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ArcelorMittal

## QUALITY CERTIFICATE

OLA P-26607

SIZE	LENGTH	BUNDLES	PIECES BUNDLES	TOTAL PIECES	WEIGHT BUNDLES	TOTAL WEIGHT	HEAT
WF BEAMS 10x15	40'	6	18	108	4898	29.388	130313

TOTAL BUNDLES 176

TOTAL WEIGHT 806.175 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	B06	C11	C12	C13	C14	C15	C16								C11	C12	C13	C14
W-10x12	130317	,100	1,330	,240	,025	,025	,003	,090	,170	,041	,390	,024	,036	,386	382	576	22,3	
W-10x12	130318	,099	1,300	,210	,020	,026	,003	,100	,150	,028	,530	,020	,039	,387	378	555	21,6	
W-10x12	130319	,097	1,280	,230	,022	,040	,003	,120	,140	,023	,480	,021	,041	,381	387	553	22,2	
W-10x12	130320	,093	1,270	,190	,026	,030	,002	,120	,180	,035	,440	,020	,044	,377	380	555	22,6	
W-10x15	130313	,107	1,290	,200	,019	,023	,002	,100	,210	,043	,410	,021	,047	,392	377	581	22,1	
W-10x30	130312	,109	1,240	,190	,024	,012	,001	,190	,240	,036	,450	,018	,049	,407	396	594	27,6	
W-10x30	130313	,107	1,290	,200	,019	,023	,002	,100	,210	,043	,410	,021	,047	,392	390	589	22,	
W-12x14	130331	,102	1,270	,170	,020	,017	,001	,130	,180	,033	,460	,023	,048	,389	402	595	23,	
W-12x14	130332	,104	1,250	,220	,020	,013	,001	,090	,150	,026	,400	,019	,047	,372	407	594	21,6	
W-12x14	130334	,102	1,300	,210	,022	,018	,001	,120	,180	,029	,450	,020	,037	,391	384	591	21,7	
W-12x19	130322	,110	1,350	,200	,018	,021	,002	,120	,140	,032	,400	,020	,041	,402	404	597	22,7	
W-12x19	130323	,107	1,300	,190	,018	,031	,004	,100	,140	,029	,400	,018	,041	,386	384	593	22,1	
W-12x19	130324	,098	1,300	,190	,025	,018	,004	,120	,170	,032	,440	,016	,046	,387	389	583	22,	
W-12x19	130337	,101	1,320	,220	,023	,032	,003	,160	,210	,042	,410	,025	,035	,403	397	593	21,5	
W-12x26	130327	,079	1,320	,200	,028	,017	,003	,090	,130	,028	,360	,018	,039	,356	371	555	23,3	
W-12x26	130328	,109	1,300	,200	,019	,019	,001	,080	,140	,026	,440	,020	,037	,386	372	575	21,2	
W-12x26	130336	,078	1,260	,190	,020	,023	,002	,110	,220	,039	,420	,022	,034	,361	384	561	21,2	
W-12x26	130337	,101	1,320	,220	,023	,032	,003	,160	,210	,042	,410	,025	,035	,403	404	595	23,1	
W-12x40	130232	,085	1,290	,180	,023	,026	,004	,160	,250	,041	,450	,021	,045	,388	393	574	22,6	
W-12x40	130233	,092	1,310	,200	,030	,027	,003	,170	,210	,031	,450	,025	,049	,395	363	549	23,5	
W-12x40	130234	,103	1,250	,200	,017	,022	,002	,140	,170	,027	,420	,018	,041	,384	374	558	22,9	
W-12x40	130235	,105	1,260	,190	,020	,029	,005	,140	,200	,030	,400	,023	,042	,390	377	559	22,8	
W-12x40	130236	,099	1,290	,180	,027	,022	,002	,140	,210	,025	,430	,018	,041	,390	360	548	25,6	
W-12x50	130237	,110	1,270	,190	,018	,011	,002	,120	,200	,028	,440	,016	,040	,394	370	558	23,7	
W-12x50	130238	,106	1,290	,220	,028	,017	,003	,150	,190	,025	,400	,017	,038	,396	364	551	24,9	
W-12x50	130239	,085	1,280	,180	,020	,023	,002	,140	,210	,032	,390	,018	,034	,373	364	555	25,4	
W-12x50	130240	,117	1,310	,190	,015	,022	,002	,130	,220	,037	,480	,016	,039	,416	372	559	22,5	
W-14x22	130194	,116	1,280	,180	,024	,008	,027	,120	,210	,033	,340	,026	,032	,402	387	588	22,5	
W-14x22	130195	,077	1,250	,210	,022	,024	,009	,110	,210	,031	,370	,018	,061	,354	402	597	22,2	
W-14x22	130232	,085	1,290	,180	,023	,026	,004	,160	,250	,041	,450	,021	,045	,388	399	591	22,3	
W-14x22	130233	,092	1,310	,200	,030	,027	,003	,170	,210	,031	,450	,025	,049	,395	384	578	22,3	
W-14x22	130234	,103	1,250	,200	,017	,022	,002	,140	,170	,027	,420	,018	,041	,384	384	596	22,7	
W-14x26	130149	,094	1,330	,200	,024	,020	,043	,170	,170	,022	,460	,012	,028	,405	419	592	22,4	
W-14x26	130152	,119	1,290	,230	,015	,013	,036	,130	,190	,024	,510	,012	,032	,419	439	596	21,6	
W-14x26	130153	,090	1,290	,210	,014	,024	,031	,110	,210	,029	,420	,017	,033	,381	418	566	21,1	
W-14x26	130171	,110	1,100	,200	,013	,017	,045	,160	,180	,030	,410	,003	,026	,380	412	569	21,8	
W-14x30	130195	,077	1,250	,210	,022	,024	,009	,110	,210	,031	,370	,018	,061	,354	390	580	24,	
W-14x30	130196	,105	1,290	,180	,033	,033	,012	,160	,220	,030	,370	,026	,044	,400	410	600	23,6	
W-14x34	130193	,095	1,290	,240	,032	,025	,020	,140	,210	,024	,360	,014	,043	,385	432	596	23,2	
W-14x34	130194	,116	1,280	,180	,024	,008	,027	,120	,210	,033	,340	,026	,032	,402	424	597	23,5	

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**QUALITY CERTIFICATE**

**OLA P-26607**

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"	Doblado 180°
B11	B08	C71	C72	C73	C74	C75	C76								C11	C12	C13	C50
W-14x38	130192	,111	1,340	,200	,029	,027	,027	,130	,170	,032	,410	,012	,032	,411	407	590	23,5	
W-14x38	130193	,095	1,290	,240	,032	,025	,020	,140	,210	,024	,360	,014	,043	,385	387	570	23,4	
W-21x44	130841	,103	1,230	,190	,017	,029	,040	,130	,190	,040	,510	,003	,035	,397	394	528	24,8	
W-21x44	130848	,107	1,140	,190	,031	,021	,035	,220	,180	,034	,500	,003	,050	,400	412	550	21,8	
W-21x44	130849	,106	1,240	,230	,019	,015	,034	,190	,170	,045	,430	,003	,045	,406	437	565	21,4	
W-24x55	130436	,096	1,290	,200	,026	,013	,003	,140	,200	,032	,390	,022	,029	,385	389	529	27,	
W-24x55	130437	,088	1,250	,170	,016	,024	,003	,130	,200	,029	,370	,023	,029	,367	433	535	27,	
W-24x55	130438	,100	1,330	,190	,019	,023	,003	,160	,180	,028	,400	,020	,028	,399	415	553	23,5	
W-24x55	130446	,103	1,310	,190	,019	,012	,005	,110	,200	,027	,390	,021	,035	,389	384	551	22,4	

Z01

**49 análisis**

D01: Inspection - We hereby certify that the above steels have been satisfactorily tested in accordance with the specification.  
 B06: Marca AMO

*EMAL*

Ángel Martínez de Treviño

