

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-25636

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	MISSOURIBORG
OUR REFERENCE	CONTRACT NUMBER	ORDER NUMBER	DATE
FTRUCHARTE	01-E-36510 / 1700011590	9158	30/10/2010

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	1	6	6	3048	3.048	127376
WF BEAMS 14x26	40	1	4	4	1887	1.887	128380
WF BEAMS 14x30	40	9	8	72	4355	39.195	128721,128723,128724
WF BEAMS 14x34	40	4	6	24	3701	14.804	128381
WF BEAMS 14x34	40	3	8	24	4935	14.805	128720
WF BEAMS 14x38	40	15	6	90	4137	62.055	128718,128719
WF BEAMS 16x36	40	31	5	155	3266	101.246	128727,128728,128729
WF BEAMS 16x45	40	9	5	45	4082	36.738	128221,128222,128731
WF BEAMS 16x45	40	1	3	3	2449	2.449	128226
WF BEAMS 16x50	40	11	5	55	4536	49.896	128723,128725,128726
WF BEAMS 24x62	40	5	4	20	4500	22.500	127252,127254

TOTAL BUNDLES 90

TOTAL WEIGHT 348.623 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% LO=8"	Doblado 180°
B11	B04	C71	C72	C73	C74	C75	C76							C11	C12	C13	C14	
W-14x26	128380	,131	1,190	,220	,030	,014	,036	,160	,150	,020	,490	,003	,040	,415	389	550	23,3	
W-14x30	128721	,102	1,290	,210	,029	,029	,002	,140	,130	,016	,500	,020	,038	,391	365	550	21,4	

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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	B01	C71	C72	C73	C74	C75	C76								C77	C78	C79	C80	
W-14x30	128723	,101	1,330	,170	,026	,023	,003	,120	,140	,017	,550	,021	,037	,397	370	547	24,6		
W-14x30	128724	,102	1,290	,170	,026	,015	,002	,140	,140	,019	,580	,020	,036	,397	368	551	24,1		
W-14x34	128381	,120	1,250	,240	,028	,020	,046	,160	,150	,020	,480	,003	,041	,416	421	549	23,4		
W-14x34	128720	,101	1,290	,190	,028	,021	,002	,150	,130	,017	,440	,019	,039	,388	356	528	24,8		
W-14x38	128718	,119	1,260	,220	,023	,019	,002	,150	,130	,016	,460	,027	,043	,402	375	549	23,7		
W-14x38	128719	,121	1,300	,230	,026	,020	,002	,150	,130	,017	,440	,020	,039	,409	370	546	23,4		
W-16x36	128727	,107	1,270	,190	,027	,017	,005	,140	,120	,025	,440	,016	,037	,390	374	547	24,2		
W-16x36	128728	,105	1,320	,180	,019	,022	,002	,120	,120	,019	,400	,022	,037	,388	385	549	24,		
W-16x36	128729	,095	1,290	,190	,021	,024	,001	,130	,120	,023	,480	,018	,031	,381	387	551	24,8		
W-16x45	128221	,104	1,160	,200	,018	,016	,002	,160	,110	,031	,400	,017	,028	,370	374	551	23,6		
W-16x45	128222	,130	1,260	,210	,021	,016	,002	,150	,150	,034	,420	,025	,037	,415	395	550	23,7		
W-16x45	128226	,098	1,210	,180	,027	,025	,002	,180	,150	,030	,400	,025	,035	,379	397	548	23,7		
W-16x45	128731	,118	1,330	,180	,023	,015	,002	,160	,120	,016	,420	,027	,042	,411	382	546	24,1		
W-16x50	128723	,101	1,330	,170	,026	,023	,003	,120	,140	,017	,520	,021	,037	,395	368	535	22,9		
W-16x50	128725	,114	1,320	,190	,030	,013	,004	,140	,150	,018	,590	,022	,042	,416	373	526	23,8		
W-16x50	128726	,102	1,260	,170	,026	,017	,003	,130	,140	,019	,510	,020	,038	,386	372	548	25,2		
W-24x62	127252	,115	1,070	,220	,027	,029	,033	,160	,130	,019	,390	,003	,047	,370	407	532	25,1		
W-24x62	127254	,111	1,160	,160	,022	,025	,042	,140	,180	,021	,360	,003	,053	,381	419	548	22,1		
W-8x28	127376	,102	1,170	,170	,023	,018	,046	,110	,190	,046	,430	,003	,026	,379	439	550	22,6		

21 análisis

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

B06: Marca AMO

Z01

AMAL

Ángel Martínez de Treviño