

ArcelorMittal Olaberria, S.L.

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-22809

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, S.L. 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	MISTRAL
GUR REFERENCE	CONTRACT NUMBER	ORDER NUMBER	DATE
mcabello	01-E-32813 / 1700008773	6299	31/07/2009

Material: WF Vigas,

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

ARCELORMITTAL OLABERRIA S.L. 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
+/ROJO							
WF BEAMS 8x40	40'	14	6	84	4355	60.970	121873
WF BEAMS 10x26	40'	13	10	130	4717	61.321	121869,121871,121872
WF BEAMS 10x30	40'	14	8	112	4355	60.970	121864,121866,121867, 121868,121869

TOTAL BUNDLES

41

TOTAL WEIGHT

183.261 Kg.

A02 EN 10204/3.1.B

CSA G40.21 50W/ASTM A36-04/A572 G50-04/A992-04/A6-04

(B01/B02/B03) A03

COLADA HEAT	COMPOSICION QUIMICA (%) CHEMICAL COMPOSITION (%)												
	C	Mn	Si	P	S	V	Cr	Ni	Mo	Cu	Nb	Sn	CEV
121864	,083	1,220	,170	,020	,030	,044	,110	,140	,022	,310	,009	,049	,35
121866	,093	1,210	,210	,021	,018	,043	,140	,150	,028	,340	,003	,042	,37
121867	,074	1,230	,200	,021	,035	,044	,150	,170	,032	,340	,003	,044	,36
121868	,085	1,200	,200	,024	,028	,038	,160	,130	,024	,310	,003	,044	,36
121869	,080	1,190	,190	,026	,024	,041	,160	,170	,032	,350	,003	,057	,36
121871	,084	1,150	,180	,019	,020	,037	,130	,150	,033	,340	,003	,047	,35
121872	,085	1,180	,190	,023	,029	,038	,130	,150	,031	,330	,004	,047	,35
121873	,077	1,190	,180	,024	,029	,038	,120	,150	,031	,340	,003	,048	,35

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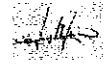
OLA P-22809

MATERIAL SIZE	COLADA HEAT	PROPIEDADES MECANICAS MECHANICAL PROPERTIES					
		ReH MPa		Rm MPa		A% LO=8°	
B11	B06	C11		C12		C13	
W-10x26	121869	401	391	535	521	23,2	23,1
W-10x26	121871	392	401	522	536	23,1	23,2
W-10x26	121872	401	402	534	511	23,2	23,1
W-10x30	121864	392	390	515	501	23,8	23,
W-10x30	121866	403	399	541	538	22,6	21,7
W-10x30	121867	431	417	559	539	23,2	22,5
W-10x30	121868	403	398	541	539	22,5	21,7
W-10x30	121869	404	398	540	538	22,5	21,7
W-8x40	121873	398	382	504	496	23,8	23,5

Z01

### 8 análisis

D01: Certificamos que los aceros arriba indicados han sido satisfactoriamente probados de acuerdo con la especificación.  
 B06: Marca APO

  
 Luis María Lakunza