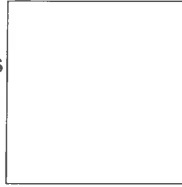


ArcelorMittal Gipuzkoa, S.L.U.  
**ArcelorMittal Europe – Long Products**  
 CARRETERA MADRID - IRUN, KM. 419  
 20212 OLABERRIA (Guipúzcoa)  
 TELEF. (943) 80.50.00 - FAX (943) 88.04.04



## MILL TEST CERTIFICATE

OLA P-54248

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	AZORESBOG
OUR REFERENCE	CONTRACT NUMBER	ORDER NUMBER	DATE
P1704510	01-E-58815 / 1700024570	25174	29/04/2017

Material: "WF-PERFILES DE ACERO AL CARBONO LAMINADO EN CALIENTE"

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

ARCELORMITTAL GUIPUZKOA, 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 12x14	40'	2	20	40	5079	10.158	172453
WF BEAMS 12x14	40'	4	20	80	5079	20.316	172454
WF BEAMS 12x14	40'	5	20	100	5079	25.395	172455
WF BEAMS 12x14	40'	4	20	80	5079	20.316	172456
WF BEAMS 12x14	40'	3	20	60	5079	15.237	172457
WF BEAMS 12x16	40'	2	18	36	5225	10.450	172467
WF BEAMS 12x16	40'	6	18	108	5225	31.350	172468
WF BEAMS 12x19	40'	3	14	42	4827	14.481	172474
WF BEAMS 12x19	40'	7	14	98	4827	33.789	172475
WF BEAMS 12x19	40'	2	14	28	4827	9.654	172476

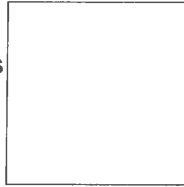
TOTAL BUNDLES 38 TOTAL WEIGHT 191.146 Kg.

A02 EN 10204/3.1

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

(B01/B02/B03) A03

ArcelorMittal Gipuzkoa, S.L.U.  
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## MILL TEST CERTIFICATE

OLA P-54248

COLADA HEAT	COMPOSICION QUIMICA (%) CHEMICAL COMPOSITION (%)																		
	C	Mn	Si	P	S	V	Cr	Ni	Mo	Cu	Nb	Sn	Al	CEV					
B06																			
172453	,074	,940	,180	,018	,020	,051	,120	,120	,026	,380	,003	,024	,003	,30					
172454	,071	,920	,180	,020	,021	,052	,120	,120	,025	,380	,003	,026	,004	,30					
172455	,071	,970	,180	,023	,023	,055	,120	,110	,024	,420	,003	,028	,003	,31					
172456	,079	,940	,170	,022	,020	,053	,120	,120	,025	,420	,003	,026	,003	,31					
172457	,062	,940	,170	,028	,020	,062	,140	,130	,028	,400	,003	,024	,003	,30					
172467	,067	,930	,190	,019	,018	,053	,160	,140	,034	,330	,003	,018	,004	,30					
172468	,074	,900	,200	,022	,020	,056	,260	,160	,029	,340	,003	,022	,004	,33					
172474	,079	1,010	,180	,024	,024	,058	,200	,140	,036	,410	,003	,021	,003	,34					
172475	,078	,910	,180	,023	,020	,053	,200	,130	,032	,410	,003	,022	,003	,32					
172476	,076	,940	,180	,020	,020	,056	,250	,160	,052	,390	,003	,022	,003	,34					
MATERIAL SIZE	COLADA HEAT	PROPIEDADES MECANICAS MECHANICAL PROPERTIES																	
		ReH MPa		Rm MPa		A% L0=8"													
B11	B06	C11		C12		C13													
W-12x14	172453	440	432	534	524	22,5	21,9												
W-12x14	172454	413	395	520	500	22,4	22,												
W-12x14	172455	439	435	541	541	22,8	22,1												
W-12x14	172456	425	425	521	507	22,3	22,												
W-12x14	172457	424	420	509	507	22,5	21,7												
W-12x16	172467	432	426	520	510	22,3	21,9												
W-12x16	172468	450	446	568	552	22,2	21,9												
W-12x19	172474	450	448	556	550	22,3	21,9												
W-12x19	172475	437	430	535	530	22,3	21,7												
W-12x19	172476	448	442	543	543	22,2	22,												

### 10 análisis

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

Responsable del Departamento de Calidad Z01

*Jose Maria Galindo*  
 Jose Maria Galindo