

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-58290

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	ALBANYBORG
OUR REFERENCE	CONTRACT NUMBER	ORDER NUMBER	DATE
P1701577	E-62923/1700026391	26619	02/04/2018

Material: "WFB-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 12x72	40'	2	3	6	3919	7.838	179278
WF BEAMS 12x79	40'	4	3	12	4300	17.200	179259
WF BEAMS 12x79	40'	1	3	3	4300	4.300	179260
WF BEAMS 21x44	40'	4	6	24	4790	19.160	179609
WF BEAMS 21x50	40'	3	5	15	4536	13.608	179613
WF BEAMS 21x50	40'	4	5	20	4536	18.144	179614
WF BEAMS 21x57	40'	4	5	20	5171	20.684	179618
WF BEAMS 21x73	40'	2	4	8	5298	10.596	179419
WF BEAMS 21x62	40'	7	4	28	4500	31.500	177676
WF BEAMS 24x68	40'	2	4	8	4935	9.870	177579
WF BEAMS 24x68	40'	1	4	4	4935	4.935	179297
WF BEAMS 24x68	40'	1	4	4	4935	4.935	179298
WF BEAMS 24x94	40'	4	3	12	5117	20.468	177572
WF BEAMS 24x94	40'	2	3	6	5117	10.234	179374

TOTAL BUNDLES 41

TOTAL WEIGHT 193.472 Kg.

A02 EN 10204/3.1

CSA G40.21 50W/ASTM A572 G50/A992/A6-16a

(B01/B02/B03) A03

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COLADA HEAT	COMPOSICION QUIMICA (%) CHEMICAL COMPOSITION (%)													
	C	Mn	Si	P	S	V	Cr	Ni	Mo	Cu	Nb	Sn	Al	CEV
<i>B08</i>														
177572	,063	1,010	,190	,023	,024	,050	,170	,140	,026	,370	,003	,023	,004	,31
177579	,069	1,050	,210	,021	,027	,051	,150	,130	,034	,360	,007	,023	,003	,32
177676	,078	1,020	,210	,025	,019	,050	,170	,150	,036	,390	,004	,022	,005	,34
179259	,067	,990	,140	,016	,023	,002	,070	,170	,018	,420	,027	,021	,002	,29
179260	,067	1,030	,180	,017	,018	,022	,110	,170	,019	,410	,020	,025	,002	,31
179278	,079	1,010	,210	,015	,020	,052	,140	,180	,035	,410	,003	,022	,004	,33
179297	,086	1,020	,210	,020	,022	,047	,170	,210	,050	,320	,004	,015	,003	,34
179298	,069	1,010	,180	,021	,021	,048	,210	,240	,048	,380	,003	,016	,001	,34
179374	,077	,980	,190	,019	,023	,050	,150	,160	,029	,310	,003	,024	,004	,32
179419	,089	1,070	,230	,027	,019	,051	,150	,130	,021	,390	,004	,021	,003	,35
179609	,067	1,020	,170	,034	,019	,050	,190	,180	,034	,410	,009	,024	,004	,33
179613	,086	1,050	,200	,027	,020	,049	,170	,170	,037	,380	,008	,021	,005	,35
179614	,081	1,000	,180	,022	,018	,051	,150	,180	,033	,350	,011	,023	,004	,33
179618	,078	1,030	,210	,023	,023	,052	,170	,280	,051	,330	,008	,019	,004	,34

MATERIAL SIZE	COLADA HEAT	PROPIEDADES MECANICAS MECHANICAL PROPERTIES					
		ReH MPa		Rm MPa		A% LO=8"	
<i>B11</i>	<i>B08</i>	<i>C11</i>		<i>C12</i>		<i>C13</i>	
W-12x72	179278	427	409	528	513	22,6	22,1
W-12x79	179259	420	420	531	517	26,4	25,9
W-12x79	179260	426	412	529	521	26,	25,8
W-21x44	179609	440	430	549	527	24,2	23,6
W-21x50	179613	446	442	574	550	24,1	23,3
W-21x50	179614	444	428	547	536	23,3	22,9
W-21x57	179618	442	427	545	522	25,5	24,6
W-21x62	177676	438	422	544	530	22,8	22,1
W-21x73	179419	429	427	544	541	24,	23,7
W-24x68	177579	408	401	509	504	23,6	23,4
W-24x68	179297	442	448	575	551	23,1	22,8
W-24x68	179298	448	442	563	543	22,1	22,1
W-24x94	177572	398	390	517	505	24,9	24,2
W-24x94	179374	422	411	528	517	23,2	22,7

14 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
ArcelorMittal Gipuzkoa, S.L.U.