

ArcelorMittal Olaberria-Bergara

ArcelorMittal Europe – Long Products

CARRETERA MADRID - IRUN, KM. 417

20212 OLABERRIA (Gipuzkoa)

TELEF. (943) 80.50.00 - FAX (943) 88.04.04

**MILL TEST CERTIFICATE****OLA P-67949**

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. SAN FRANCISCO CHILPAN - T MEXICO	
SHIPPED AND CERTIFIED BY		CREDIT NUMBER	PORT OF LOADING
ARCELORMITTAL OLABERRIA CARRETERA MADRID - IRUN, KM. 417 20212 OLABERRIA (Gipuzkoa) TELEF. (943) 80.50.00 - FAX (943) 88.04.04			PASAJES, SPAIN
		PORT OF DISCHARGE	VESSEL
		VERACRUZ	JOO HYE
OUR REFERENCE	CONTRACT NUMBER	ORDER NUMBER	DATE
P1704510	E-71307/1700029169	29255	28/03/2020

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

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

ARCELORMITTAL OLABERRIA-BERGARA, 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 10x39	40´	1	6	6	4246	4.246	195508
WF BEAMS 10x39	40´	1	2	2	1415	1.415	195507
WF BEAMS 12x40	40´	4	5	20	3629	14.516	195572
WF BEAMS 12x40	40´	3	5	15	3629	10.887	195573
WF BEAMS 12x40	40´	3	5	15	3629	10.887	195574
WF BEAMS 12x40	40´	13	5	65	3629	47.177	195575
WF BEAMS 12x40	40´	2	5	10	3629	7.258	195576
WF BEAMS 12x45	40´	6	5	30	4082	24.492	195568
WF BEAMS 14x53	40´	8	5	40	4808	38.464	195950
WF BEAMS 14x53	40´	4	5	20	4808	19.232	195951
WF BEAMS 14x53	40´	1	3	3	2885	2.885	195948
WF BEAMS 14x68	40´	1	4	4	4935	4.935	195905
WF BEAMS 14x68	40´	3	4	12	4935	14.805	195907
WF BEAMS 14x68	40´	1	3	3	3701	3.701	195907
WF BEAMS 21x44	40´	1	6	6	4790	4.790	195845
WF BEAMS 21x44	40´	1	6	6	4790	4.790	195846
WF BEAMS 21x44	40´	1	6	6	4790	4.790	195847
WF BEAMS 21x44	40´	1	6	6	4790	4.790	195848
WF BEAMS 21x44	40´	5	6	30	4790	23.950	195922
WF BEAMS 21x50	40´	5	5	25	4536	22.680	195853



MILL TEST CERTIFICATE

OLA P-67949

SIZE	LENGTH	BUNDLES	PIECES BUNDLES	TOTAL PIECES	WEIGHT BUNDLES	TOTAL WEIGHT	HEAT
WF BEAMS 21x50	40´	5	5	25	4536	22.680	195854
WF BEAMS 24x55	40´	4	5	20	4990	19.960	195803
WF BEAMS 24x55	40´	1	5	5	4990	4.990	195805
WF BEAMS 24x55	40´	2	5	10	4990	9.980	195806
WF BEAMS 24x55	40´	1	5	5	4990	4.990	195807
WF BEAMS 24x55	40´	3	5	15	4990	14.970	195835

TOTAL BUNDLES 81

TOTAL WEIGHT 348.260 Kg.

A02 EN 10204/3.1

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

(B01/B02/B03) A03
OLAP67949

COLADA HEAT	COMPOSICION QUIMICA (%) CHEMICAL COMPOSITION (%)														CEV			
	C	Mn	Si	P	S	V	Cr	Ni	Mo	Cu	Nb	Sn	Al					
B08																		
195507	,089	1,030	,220	,020	,023	,005	,130	,200	,037	,400	,036	,021	,002	,34				
195508	,097	,990	,220	,021	,024	,004	,130	,210	,030	,370	,035	,022	,004	,33				
195568	,086	1,220	,220	,018	,019	,006	,110	,130	,036	,380	,043	,020	,003	,35				
195572	,086	,990	,190	,021	,024	,004	,100	,180	,028	,400	,034	,026	,003	,32				
195573	,060	1,040	,170	,022	,022	,005	,100	,160	,029	,370	,038	,022	,001	,30				
195574	,069	,920	,190	,020	,021	,004	,090	,180	,030	,380	,036	,023	,003	,28				
195575	,066	,900	,170	,021	,019	,005	,120	,190	,032	,400	,037	,022	,003	,29				
195576	,066	,900	,170	,021	,021	,005	,120	,180	,033	,390	,037	,022	,003	,29				
195803	,060	,870	,190	,020	,027	,004	,110	,160	,042	,490	,029	,022	,003	,28				
195805	,081	,920	,200	,023	,025	,004	,120	,160	,034	,410	,032	,025	,002	,30				
195806	,097	,910	,200	,021	,022	,004	,140	,190	,037	,380	,032	,024	,003	,32				
195807	,083	,910	,200	,022	,023	,004	,120	,200	,038	,340	,032	,023	,003	,30				
195835	,095	,970	,200	,025	,024	,004	,130	,200	,044	,430	,029	,020	,004	,33				
195845	,093	,940	,210	,016	,025	,010	,100	,170	,044	,350	,031	,027	,003	,32				
195846	,081	,930	,200	,021	,024	,004	,110	,220	,044	,370	,031	,026	,003	,31				
195847	,084	,960	,190	,017	,021	,004	,110	,200	,042	,330	,033	,025	,003	,31				
195848	,078	,950	,170	,017	,023	,005	,110	,210	,048	,330	,033	,024	,001	,30				
195853	,073	1,040	,200	,021	,021	,005	,160	,150	,026	,340	,035	,025	,002	,32				
195854	,079	,900	,240	,020	,023	,003	,110	,170	,052	,420	,030	,021	,004	,30				
195905	,097	,920	,170	,029	,020	,004	,090	,150	,025	,430	,033	,026	,004	,31				
195907	,080	,920	,200	,028	,023	,004	,100	,170	,039	,530	,033	,026	,004	,31				
195922	,085	,950	,190	,021	,021	,005	,170	,250	,047	,430	,034	,022	,003	,33				
195948	,091	,910	,190	,020	,021	,004	,140	,160	,043	,420	,031	,024	,002	,32				
195950	,080	,940	,220	,023	,025	,005	,160	,180	,045	,440	,034	,023	,003	,32				
195951	,076	,960	,230	,026	,022	,005	,200	,180	,048	,410	,033	,025	,003	,33				

MATERIAL SIZE	COLADA HEAT	PROPIEDADES MECANICAS MECHANICAL PROPERTIES					
		ReH MPa		Rm MPa		A% L0=8"	
B11	B08	C11		C12		C13	
W-10x39	195507	388	383	508	491	24,4	24,1
W-10x39	195508	392	386	525	505	24,1	23,9
W-12x40	195572	399	387	514	509	28,1	27,8
W-12x40	195573	405	398	507	497	27,7	27,2
W-12x40	195574	416	404	513	508	28,4	27,8

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**MILL TEST CERTIFICATE****OLA P-67949**

MATERIAL SIZE	COLADA HEAT	PROPIEDADES MECANICAS MECHANICAL PROPERTIES					
		ReH MPa		Rm MPa		A% L0=8"	
B11	B06	C11		C12		C13	
W-12x40	195575	400	390	507	491	28,9	28,4
W-12x40	195576	415	413	520	505	27,2	27,2
W-12x45	195568	405	403	538	514	26,2	25,2
W-14x53	195948	393	389	520	501	25,1	24,1
W-14x53	195950	389	385	504	500	24,6	24,4
W-14x53	195951	388	384	510	504	24,9	24,1
W-14x68	195905	399	397	515	505	23,8	23,6
W-14x68	195907	410	394	511	507	24,5	23,5
W-21x44	195845	424	416	531	507	23,6	23,3
W-21x44	195846	411	403	517	515	23,7	23,5
W-21x44	195847	414	402	518	512	23,6	22,7
W-21x44	195848	426	410	523	516	22,8	22,6
W-21x44	195922	420	416	518	512	23,7	23,1
W-21x50	195853	442	436	539	527	25,	24,1
W-21x50	195854	431	417	528	508	24,9	24,2
W-24x55	195803	445	427	515	515	24,8	24,5
W-24x55	195805	430	426	534	518	24,4	24,
W-24x55	195806	427	421	544	540	24,2	23,5
W-24x55	195807	428	426	530	509	23,9	23,7
W-24x55	195835	433	420	542	520	25,1	24,3

25 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

ArcelorMittal Olaberria-Bergara

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CARRETERA MADRID - IRUN, KM. 417

20212 OLABERRIA (Gipuzkoa)

TELEF. (943) 80.50.00 - FAX (943) 88.04.04

**MILL TEST CERTIFICATE****BER P-37977**

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. SAN FRANCISCO CHILPAN - T MEXICO	
SHIPPED AND CERTIFIED BY		CREDIT NUMBER	PORT OF LOADING
ARCELORMITTAL BERGARA C/IBARRA, 6 20570 BERGARA (Gipuzkoa) TELEF. (943) 76.19.40 - FAX (943) 765243			PASAJES, SPAIN
		PORT OF DISCHARGE	VESSEL
		VERACRUZ	JOO HYE
OUR REFERENCE	CONTRACT NUMBER	ORDER NUMBER	DATE
P1704511	E-61040/1700029169	29255	28/03/2020

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

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

ARCELORMITTAL OLABERRIA-BERGARA, 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 8x10	40´	30	18	540	3266	97.980	595490
WF BEAMS 8x10	40´	13	18	234	3266	42.458	595502
WF BEAMS 8x10	40´	3	18	54	3266	9.798	595526
WF BEAMS 8x13	40´	23	18	414	4236	97.428	595651
WF BEAMS 8x13	40´	5	18	90	4236	21.180	595654
WF BEAMS 8x15	40´	5	18	90	4898	24.490	595644
WF BEAMS 8x15	40´	20	18	360	4898	97.960	595645

TOTAL BUNDLES

99

TOTAL WEIGHT

391.294 Kg.

A02 EN 10204/3.1

CSA G40.21 50W/ASTM A572 G50/A992/A6-16a(B01/B02/B03) A03
BERP37977

COLADA HEAT	COMPOSICION QUIMICA (%) CHEMICAL COMPOSITION (%)														
	C	Mn	Si	P	S	V	Cr	Ni	Mo	Cu	Nb	Sn	Al	CEV	
B08															
595490	,071	,950	,200	,018	,025	,006	,080	,200	,039	,390	,036	,021	,004	,29	
595526	,074	,930	,180	,018	,020	,005	,150	,200	,028	,370	,036	,020	,003	,30	
595645	,072	1,000	,220	,019	,022	,004	,160	,220	,060	,520	,032	,023	,002	,33	
595651	,077	,890	,190	,019	,022	,003	,130	,170	,038	,350	,033	,025	,002	,29	
595654	,065	,980	,170	,019	,020	,004	,090	,160	,024	,550	,031	,027	,003	,30	

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**MILL TEST CERTIFICATE****BER P-37977**

MATERIAL SIZE	COLADA HEAT	PROPIEDADES MECANICAS MECHANICAL PROPERTIES					
		ReH MPa		Rm MPa		A% L0=2"	
<small>B11</small>	<small>B08</small>	<small>C11</small>		<small>C12</small>		<small>C13</small>	
W-8x10	595490	443	445	550	533	31,2	30,4
W-8x10	595526	463	456	531	516	31,8	30,7
W-8x13	595651	435	421	519	510	32,5	31,7
W-8x13	595654	448	430	533	517	31,7	31,2
W-8x15	595645	448	438	543	522	28,1	27,8

5 análisis

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

B06: Marca AMB

Responsable del Departamento de Calidad Z01

Jose Maria Galindo