


**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-69076**

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	MERCS WALAWE-Veracruz
OUR REFERENCE	CONTRACT NUMBER	ORDER NUMBER	DATE
P1701577	E-73057/1700029804	29890	28/08/2020

Materi al : "WFB-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
<b>+/RED</b>							
WF BEAMS 10x22	40´	2	12	24	4790	9.580	198488
WF BEAMS 10x22	40´	1	12	12	4790	4.790	198492
WF BEAMS 10x22	40´	3	12	36	4790	14.370	198499
WF BEAMS 10x22	40´	4	12	48	4790	19.160	198500
WF BEAMS 10x22	40´	3	12	36	4790	14.370	198503
WF BEAMS 10x26	40´	1	10	10	4717	4.717	198451
WF BEAMS 10x26	40´	4	10	40	4717	18.868	198452
WF BEAMS 10x26	40´	11	10	110	4717	51.887	198483
WF BEAMS 10x26	40´	4	10	40	4717	18.868	198484
WF BEAMS 10x26	40´	1	10	10	4717	4.717	198485
WF BEAMS 10x26	40´	2	10	20	4717	9.434	198486
WF BEAMS 10x26	40´	1	10	10	4717	4.717	198487
WF BEAMS 10x26	40´	1	8	8	3774	3.774	198452
WF BEAMS 10x30	40´	5	8	40	4370	21.850	198445
WF BEAMS 10x30	40´	5	8	40	4370	21.850	198446
WF BEAMS 10x30	40´	2	8	16	4370	8.740	198447
WF BEAMS 10x30	40´	9	8	72	4370	39.330	198448
WF BEAMS 10x30	40´	2	8	16	4370	8.740	198449


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**OLA P-69076**

SIZE	LENGTH	BUNDLES	PIECES BUNDLES	TOTAL PIECES	WEIGHT BUNDLES	TOTAL WEIGHT	HEAT
WF BEAMS 10x30	40´	1	6	6	3277	3.277	198445
WF BEAMS 12x50	40´	1	1	1	907	907	197992
WF BEAMS 14x26	40´	3	9	27	4245	12.735	198357
WF BEAMS 14x34	40´	2	6	12	3701	7.402	198348
WF BEAMS 14x34	40´	1	6	6	3701	3.701	198349
WF BEAMS 14x43	40´	3	5	15	3901	11.703	198667
WF BEAMS 14x43	40´	5	5	25	3901	19.505	198669
WF BEAMS 16x36	40´	4	6	24	3919	15.676	198669
WF BEAMS 16x36	40´	8	6	48	3919	31.352	198670
WF BEAMS 16x36	40´	4	6	24	3919	15.676	198671
WF BEAMS 16x36	40´	4	6	24	3919	15.676	198673
WF BEAMS 16x36	40´	4	6	24	3919	15.676	198674
WF BEAMS 16x36	40´	5	6	30	3919	19.595	198675
WF BEAMS 16x36	40´	2	6	12	3919	7.838	198677
WF BEAMS 16x40	40´	1	6	6	4355	4.355	198677
WF BEAMS 16x45	40´	5	5	25	4082	20.410	198650
WF BEAMS 16x45	40´	7	5	35	4082	28.574	198656
WF BEAMS 16x45	40´	3	5	15	4082	12.246	198657
WF BEAMS 16x50	40´	7	5	35	4536	31.752	198654
WF BEAMS 18x50	40´	1	5	5	4536	4.536	198214
WF BEAMS 18x60	40´	1	4	4	4354	4.354	198221
WF BEAMS 18x65	40´	1	4	4	4717	4.717	198221
WF BEAMS 21x68	40´	1	4	4	4935	4.935	198065

TOTAL BUNDLES **135** TOTAL WEIGHT **576.360 Kg.**

A02 EN 10204/3.1

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

 (B01/B02/B03) A03  
OLAP69076



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## MILL TEST CERTIFICATE

## OLA P-69076

COLADA HEAT	COMPOSICION QUIMICA (%) CHEMICAL COMPOSITION (%)																	
	C	Mn	Si	P	S	V	Cr	Ni	Mo	Cu	Nb	Sn	Al	CEV				
<i>B08</i>																		
197992	,067	,920	,200	,027	,023	,005	,160	,150	,027	,370	,032	,026	,005	,29				
198065	,067	,940	,190	,019	,025	,006	,100	,140	,027	,410	,032	,041	,001	,29				
198214	,085	,930	,200	,021	,020	,005	,130	,140	,031	,370	,032	,026	,003	,31				
198221	,101	,890	,220	,021	,023	,003	,130	,250	,054	,430	,031	,026	,002	,33				
198348	,079	,910	,200	,029	,022	,006	,120	,170	,025	,390	,036	,028	,003	,30				
198349	,079	,920	,200	,030	,021	,006	,150	,180	,025	,430	,035	,026	,003	,31				
198357	,075	,950	,180	,031	,026	,007	,140	,160	,021	,440	,038	,026	,002	,31				
198445	,083	,960	,190	,018	,018	,006	,100	,140	,028	,390	,036	,028	,002	,31				
198446	,065	,910	,230	,025	,024	,005	,100	,140	,021	,410	,034	,023	,004	,28				
198447	,074	,900	,210	,022	,026	,005	,100	,150	,020	,370	,037	,026	,003	,28				
198448	,069	,930	,200	,025	,025	,006	,130	,130	,021	,380	,034	,026	,004	,29				
198449	,070	,920	,180	,021	,026	,006	,090	,150	,030	,370	,039	,027	,003	,28				
198451	,073	,940	,190	,019	,025	,006	,100	,140	,029	,300	,035	,026	,001	,29				
198452	,060	,930	,190	,021	,025	,006	,100	,140	,027	,320	,034	,027	,002	,27				
198483	,083	,960	,210	,031	,025	,007	,190	,170	,029	,370	,038	,037	,003	,32				
198484	,073	,940	,220	,032	,024	,006	,180	,160	,027	,420	,037	,034	,003	,31				
198485	,062	,900	,220	,024	,024	,005	,130	,150	,022	,440	,035	,029	,004	,28				
198486	,064	,960	,210	,021	,024	,006	,110	,160	,030	,420	,037	,029	,003	,29				
198487	,063	,920	,190	,020	,020	,006	,100	,150	,033	,380	,033	,028	,004	,28				
198488	,073	,920	,200	,024	,022	,006	,110	,170	,038	,400	,033	,022	,003	,30				
198492	,072	,910	,190	,025	,020	,006	,140	,180	,029	,370	,035	,025	,005	,30				
198499	,076	,940	,190	,025	,020	,007	,150	,160	,028	,360	,038	,024	,002	,30				
198500	,087	,890	,210	,028	,026	,006	,130	,170	,027	,360	,038	,026	,004	,30				
198503	,070	,930	,180	,027	,019	,006	,140	,190	,034	,420	,031	,024	,002	,30				
198650	,062	,930	,210	,019	,024	,007	,100	,170	,031	,380	,037	,024	,001	,28				
198654	,074	,930	,190	,022	,024	,007	,080	,180	,030	,490	,040	,027	,001	,30				
198656	,074	,920	,220	,022	,026	,007	,110	,220	,040	,420	,036	,027	,004	,30				
198657	,090	,970	,200	,020	,021	,008	,130	,220	,045	,390	,035	,024	,002	,33				
198667	,087	,910	,170	,024	,023	,005	,110	,200	,040	,360	,031	,027	,003	,31				
198669	,074	,940	,190	,017	,022	,006	,110	,200	,035	,350	,032	,026	,002	,30				
198670	,091	,940	,200	,019	,024	,005	,110	,200	,033	,300	,034	,026	,002	,31				
198671	,082	,920	,200	,016	,021	,004	,100	,170	,030	,330	,030	,025	,002	,30				
198673	,121	,930	,190	,015	,021	,005	,110	,180	,027	,390	,030	,029	,003	,34				
198674	,099	,930	,180	,020	,025	,006	,110	,180	,034	,340	,031	,027	,004	,32				
198675	,097	1,000	,230	,021	,025	,007	,160	,160	,035	,300	,036	,031	,003	,33				
198677	,084	,890	,230	,032	,018	,006	,220	,170	,030	,330	,035	,028	,004	,32				

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-10x22	198488	436	418	540	526	23,5	22,9
W-10x22	198492	428	426	538	530	23,4	22,6
W-10x22	198499	430	416	535	529	24,4	23,9
W-10x22	198500	416	414	529	521	24,1	23,5
W-10x22	198503	447	442	570	552	24,1	24,1
W-10x26	198451	426	421	553	539	23,3	23,3
W-10x26	198452	456	444	576	569	24,5	24,1
W-10x26	198483	444	430	537	534	24,2	23,9



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### MILL TEST CERTIFICATE

OLA P-69076

MATERIAL SIZE	COLADA HEAT	PROPIEDADES MECANICAS MECHANICAL PROPERTIES					
		ReH MPa		Rm MPa		A% L0=8"	
B11	B08	C11		C12		C13	
W-10x26	198484	431	420	529	527	23,5	23,4
W-10x26	198485	437	433	549	529	24,4	24,
W-10x26	198486	431	431	533	531	23,4	23,
W-10x26	198487	432	416	528	524	23,6	22,8
W-10x30	198445	425	413	532	518	23,2	22,8
W-10x30	198446	437	421	535	527	24,3	24,1
W-10x30	198447	442	434	540	525	24,	23,2
W-10x30	198448	423	417	540	518	23,7	23,4
W-10x30	198449	421	415	533	529	23,5	22,9
W-12x50	197992	401	395	529	511	24,9	24,2
W-14x26	198357	431	416	524	512	23,9	23,4
W-14x34	198348	408	398	520	500	23,5	23,
W-14x34	198349	421	403	527	507	23,8	23,3
W-14x43	198667	401	395	514	496	23,1	22,2
W-14x43	198669	401	394	498	492	22,6	22,3
W-16x36	198669	418	397	536	527	24,1	23,1
W-16x36	198670	403	387	507	505	23,4	22,9
W-16x36	198671	412	411	538	518	22,9	22,4
W-16x36	198673	429	417	533	511	23,	22,3
W-16x36	198674	418	402	517	515	23,8	23,1
W-16x36	198675	427	418	532	528	23,2	23,
W-16x36	198677	409	393	506	494	22,8	22,3
W-16x40	198677	432	424	504	554	23,3	22,7
W-16x45	198650	387	396	502	500	22,8	23,3
W-16x45	198656	381	381	503	485	23,2	22,4
W-16x45	198657	394	384	518	506	23,	22,5
W-16x50	198654	395	380	493	484	22,9	22,5
W-18x50	198214	398	384	515	493	24,5	23,9
W-18x60	198221	399	391	495	495	24,4	24,1
W-18x65	198221	399	400	497	512	25,3	23,9
W-21x68	198065	383	369	499	483	25,4	25,

### 36 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



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20212 OLABERRIA (Gipuzkoa)  
TELEF. (943) 80.50.00 - FAX (943) 88.04.04



## MILL TEST CERTIFICATE

## OLA P-69083

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	MERCS WALAWE-Veracruz
OUR REFERENCE	CONTRACT NUMBER	ORDER NUMBER	DATE
P1701577	E-73057/1700029804	29890	28/08/2020

Material: "WFB-PERFILES DE ACERO AL CARBONO LAMINADO EN CALI ENTE"

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
<b>+/RED</b>							
<b>WF BEAMS 10x30</b>	<b>40'</b>	<b>1</b>	<b>8</b>	<b>8</b>	<b>4370</b>	<b>4.370</b>	<b>198448</b>

TOTAL BUNDLES 1 TOTAL WEIGHT 4.370 Kg.

A02 EN 10204/3.1

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

(B01/B02/B03) A03  
OLAP69083

COLADA HEAT	COMPOSICION QUIMICA (%) CHEMICAL COMPOSITION (%)															
	C	Mn	Si	P	S	V	Cr	Ni	Mo	Cu	Nb	Sn	Al	CEV		
B06 198448	,069	,930	,200	,025	,025	,006	,130	,130	,021	,380	,034	,026	,004	,29		

MATERIAL SIZE	COLADA HEAT	PROPIEDADES MECANICAS MECHANICAL PROPERTIES					
		ReH MPa		Rm MPa		A% LO=8"	
B11	B06	C11		C12		C13	
W-10x30	198448	423	417	540	518	23,7	23,4

### 1 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