

ArcelorMittal Madrid, S.L.
Long Carbon Steel Europe
CARRETERA TOLEDO, N-401 - KM. 9,200
28021 VILLAVERDE (Madrid)
TELEF. (91) 797.23.00 - FAX (91) 795.31.81



QUALITY CERTIFICATE

MAD P-11926

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 MADRID, S.L. CARRETERA TOLEDO, N-401 - KM. 9,200 28021 VILLAVERDE (Madrid) TELEF. (91) 797.23.00 - TELEX 22120 - 49632 ARIS			BILBAO, SPAIN
		PORT OF DISCHARGE	VESSEL
		TAMPICO	ORLA
OUR REFERENCE	CONTRACT NUMBER	ORDER NUMBER	DATE
FTRUCHARTE	05-E-17251 / 1700011589	9157	30/12/2010

Material: WF Vigas,

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

ARCELORMITTAL MADRID, S.L. ES/28/0047/03

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 18x35	40'	9	7	63	4446	40.014	83090,83091
WF BEAMS 18x55	40'	8	5	40	4990	39.920	83099,83114
WF BEAMS 18x65	40'	10	5	50	5897	58.970	82946,82949,82950, 82951,82952,82964, 82965

TOTAL BUNDLES

27

TOTAL WEIGHT

138.904 Kg.

A02 EN 10204/3.1

A03

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

(B01/B02/B03)

MATERIAL SIZE	COLADA HEAT	COMPOSICION QUIMICA (%) CHEMICAL COMPOSITION (%)													PROPIEDADES MECANICAS MECHANICAL PROPERTIES			
		C	Mn	Si	P	S	V	Cr	Ni	Mo	Cu	Nb	Sn	CEV	ReH MPa	Rm MPa	A% L0=8"	Doblado 180°
		C11	C12	C13	C14	C15	C16								C11	C12	C13	C14
W-18x35	83090	,107	,741	,172	,021	,020	,003	,112	,105	,015	,382	,018	,040	,289	417	502	23,4	
W-18x35	83091	,102	,744	,178	,020	,021	,003	,092	,094	,014	,387	,019	,034	,280	393	489	24,6	
W-18x55	83099	,108	,713	,153	,025	,024	,003	,134	,111	,025	,380	,015	,050	,292	366	490	23,3	
W-18x55	83114	,130	,650	,192	,027	,025	,003	,116	,111	,021	,383	,021	,037	,299	383	477	23,4	
W-18x65	82946	,104	,714	,174	,020	,024	,002	,112	,106	,019	,390	,016	,029	,283	352	461	24,7	
W-18x65	82949	,110	,713	,177	,016	,025	,003	,092	,105	,020	,426	,015	,038	,287	359	463	28,9	
W-18x65	82950	,091	,712	,175	,014	,019	,002	,098	,106	,028	,388	,015	,038	,268	350	465	23,6	
W-18x65	82951	,098	,709	,193	,020	,024	,002	,117	,100	,021	,415	,016	,047	,279	364	480	29,4	
W-18x65	82952	,096	,702	,176	,019	,014	,002	,108	,098	,027	,406	,016	,028	,274	355	472	25,4	
W-18x65	82964	,098	,720	,164	,017	,027	,002	,097	,108	,021	,429	,015	,029	,278	356	482	27,7	
W-18x65	82965	,108	,678	,214	,019	,023	,002	,097	,113	,024	,442	,017	,025	,283	367	463	24,5	

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A02 EN 10204/3.1														A03						
CSA G40.21 50W/ASTM A572 G50/A992/A6														(B01/B02/B03)						
C70:E		COMPOSICION QUIMICA (%) CHEMICAL COMPOSITION (%)												PROPIEDADES MECANICAS MECHANICAL PROPERTIES						
MATERIAL SIZE		COLADA HEAT		C	Mn	Si	P	S	V	Cr	Ni	Mo	Cu	Nb	Sn	CEV	ReH MPa	Rm MPa	A% LO=8"	Doblad. 180°
B11		B06		C71	C72	C73	C74	C75	C76								C11	C12	C13	C50

Z01

11 análisis

D01: Inspection - We hereby certify that the above steels have been satisfactorily tested in accordance with the specification.

B06: Marca APM

Juan Pablo Canullo