

ArcelorMittal Madrid, S.L.

Long Carbon 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-11802

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
		VERACRUZ	AMSTELBORG
OUR REFERENCE	CONTRACT NUMBER	ORDER NUMBER	DATE
FTRUCHARTE	05-E-17252 / 1700011590	9158	29/11/2010

Material : WF Vi gas,

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 18x119	40'	14	2	28	4318	60.452	83081,83082,83083
WF BEAMS 24x84	40'	13	3	39	4572	59.436	83115,83117,83142, 83143,83146

TOTAL BUNDLES

27

TOTAL WEIGHT

119.888 Kg.

A02 EN 10204/3.1

A03

ASTM A36 - A572 G50/A6

(B01/B02/B03)

C70:E 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"	Doblad. 180°
B11	B08	C71	C72	C73	C74	C75	C76								C11	C12	C13	C50
W-18x119	83081	,140	,756	,176	,017	,020	,002	,096	,092	,016	,376	,017	,046	,320	368	494	24,3	
W-18x119	83082	,130	,725	,182	,022	,021	,002	,117	,102	,016	,384	,020	,039	,310	360	496	21,3	
W-18x119	83083	,147	,713	,169	,020	,017	,002	,099	,093	,015	,373	,017	,043	,320	366	492	23,9	
W-24x84	83115	,112	,703	,174	,026	,020	,003	,109	,100	,015	,384	,016	,035	,287	381	488	24,3	
W-24x84	83117	,108	,729	,171	,027	,020	,003	,105	,093	,016	,390	,018	,036	,287	378	482	21,	
W-24x84	83142	,128	,748	,178	,024	,025	,003	,123	,113	,017	,444	,017	,037	,318	379	487	21,7	
W-24x84	83143	,097	,689	,161	,018	,026	,002	,114	,129	,019	,477	,015	,037	,279	360	481	21,7	
W-24x84	83146	,131	,743	,185	,019	,022	,002	,097	,104	,016	,473	,019	,036	,316	378	480	22,1	

8 análisis

Z01

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

B06: Marca APM

Juan Pablo Canullo