

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



ArcelorMittal

QUALITY CERTIFICATE

MAD P-10179

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	LERICI STAR
OUR REFERENCE	CONTRACT NUMBER	ORDER NUMBER	DATE
MCABELLO	05-E-15112 / 1700009076	6575/6608	31/10/2009

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
+/ROJO							
WF BEAMS 16x36	40'	19	8	152	5225	99.275	79718,79731,79733, 79734,79735,79737, 79740

TOTAL BUNDLES 19 TOTAL WEIGHT 99.275 Kg.

A02 EN 10204/3.1.B		CSA G40.21 50W/ASTM A36-04/A572 G50-04/A992-04/A6-04											(B01/B02/B03) A03				
COLADA HEAT	COMPOSICION QUIMICA (%) CHEMICAL COMPOSITION (%)																
	C	Mn	Si	P	S	V	Cr	Ni	Mo	Cu	Nb	Sn	CEV				
79718	,086	1,176	,196	,019	,014	,003	,174	,089	,017	,312	,016	,017	,35				
79731	,104	1,197	,216	,020	,014	,004	,117	,085	,019	,306	,017	,018	,36				
79733	,086	1,272	,202	,016	,013	,004	,104	,104	,019	,383	,019	,019	,36				
79734	,092	1,197	,187	,016	,012	,003	,095	,096	,019	,374	,016	,019	,35				
79735	,094	1,264	,200	,023	,015	,004	,108	,091	,024	,295	,017	,016	,36				
79737	,087	1,193	,201	,030	,009	,004	,131	,082	,014	,256	,017	,022	,34				
79740	,098	1,364	,212	,012	,018	,004	,090	,076	,013	,240	,018	,017	,37				
MATERIAL SIZE	COLADA HEAT	PROPIEDADES MECANICAS MECHANICAL PROPERTIES						ReH MPa	Rm MPa	A% L0=8"							
		C11		C12		C13											
W-16x36	79718	392	395	498	501	30,7	30,4										
W-16x36	79731	405	408	511	513	23,4	23,2										
W-16x36	79733	422	426	518	519	23,1	23,1										

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



ArcelorMittal

QUALITY CERTIFICATE

MAD P-10179

MATERIAL SIZE	COLADA HEAT	PROPIEDADES MECANICAS MECHANICAL PROPERTIES					
		ReH MPa		Rm MPa		A% L0=8"	
B11	B06	C11		C12		C13	
W-16x36	79734	406	409	512	515	23,2	23,1
W-16x36	79735	401	405	514	517	23,7	23,6
W-16x36	79737	403	407	503	507	23,6	23,4
W-16x36	79740	410	412	517	521	23,1	23,2

7 análisis

D01: Certificamos que los aceros arriba indicados han sido satisfactoriamente probados de acuerdo con la especificación.
 B06: Marca APM

Z01

Carlos Alvarez
 Carlos Alvarez