

ArcelorMittal Gipuzkoa, S.L.U.
 Long Carbon Europe
 CARRETERA MADRID - IRUN, KM. 419
 20212 OLABERRIA (Guipúzcoa)
 TELEF. (943) 80.50.00 - FAX (943) 88.04.04



ArcelorMittal

MILL TEST CERTIFICATE

OLA P-31593

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 OLABERRIA CARRETERA MADRID - IRUN, KM. 419 20212 OLABERRIA (Guipúzcoa) TELEF. (943) 80.50.00 - FAX (943) 88.04.04			BILBAO, SPAIN
		PORT OF DISCHARGE	VESSEL
		VERACRUZ	ASIABORG
OUR REFERENCE	CONTRACT NUMBER	ORDER NUMBER	DATE
AICORRALIZA	01-E-40739 / 1700014083	12160	31/05/2012

WIDE FLANGE BEAMS

SIZE	LENGTH	BUNDLES	PIECES BUNDLES	TOTAL PIECES	WEIGHT BUNDLES	TOTAL WEIGHT	HEAT
+/RED							
WF BEAMS 24x76	40'	2	3	6	4137	8.274	138377
WF BEAMS 24x94	40'	6	3	18	5117	30.702	138326,138327,138328

TOTAL BUNDLES 8 TOTAL WEIGHT 38.976 Kg.

A02 EN 10204/3.1		CSA G40.21 50W/ASTM A572 G50/A992/A6												B01/B02/B03 A03				
COLADA HEAT	COMPOSICION QUIMICA (%) CHEMICAL COMPOSITION (%)																	
	C	Mn	Si	P	S	V	Cr	Ni	Mo	Cu	Nb	Sn	CEV					
B08																		
138326	,099	1,190	,190	,012	,033	,041	,150	,150	,034	,450	,003	,038	,38					
138327	,100	1,180	,190	,012	,028	,041	,150	,120	,031	,370	,003	,049	,37					
138328	,108	1,160	,190	,022	,032	,039	,200	,150	,023	,430	,003	,059	,39					
138377	,091	1,180	,170	,025	,022	,040	,150	,140	,025	,370	,003	,045	,36					
MATERIAL SIZE	COLADA HEAT	PROPIEDADES MECANICAS MECHANICAL PROPERTIES						A%										
		ReH MPa		Rm MPa		L0=8"												
B11	B08	G11		G12		G13												
W-24x76	138377	398	394	518	510	25,5	25,2											
W-24x94	138326	408	406	539	531	25,8	25,4											
W-24x94	138327	418	410	556	538	25,3	24,6											
W-24x94	138328	390	380	511	503	25,1	24,5											

4 análisis

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

B06: Marca AMO

Z01

Lorenzo Zabala