

AM/NS Calvert LLC

1 AM/NS Way
Calvert, Al. 36513 USA



Mill Certificate

CUSTOMER ORIGINAL

Order - Item 152737-120	Certificate Number 2301209230	Delivery No 81889269-10	Date 06/20/2018	Page 1 of 1
Customer No: 14552		Cust PO: AMMEX00556		
Customer Part No: 12-				
Customer Sold to: ArcelorMittal Mexico SA de CV Francisco J Mugica 1 G Centro 60950 LAZARO CARDENAS MEXICO		Customer Ship to: ArcelorMittal Mexico SA de CV Administracion Portuaria Integral Edificio API Tampico S/N 89000 TAMPICO MEXICO		Contact - Stan Bevans AM/NS Calvert LLC 1 AM/NS Way CALVERT AL 36513 USA Email: Stanley.Bevans@ArcelorMittal.com Ph : 1-251-289-3000
Steel Grade / Customer Specification Hot Roll Black Coil Conv to A572 Grade 50[345] / 0.1880 " X 72.0000 " ACCORDING TO A1011 {Light < 0.230"(6.0 mm)}-Hot Roll Base				
Type of Product/Surface Hot Roll Black Coil Unexposed COMMERCIAL APPLICATION				

TEST METHOD	Melted in Mexico		Manufactured in USA							
ASTM	Country of origin: USA									
MATERIAL DESCRIPTION				Weight Net LB	Weight Gross LB					
	ORDERED	Heat No.	Coil No.							
(mm)	4.775	1810587	2301209230	48,766.000	48,766.000					
(in)	0.1880									
CHEMICAL COMPOSITION OF THE LADLE *										
Heat No.	C	Si	Mn	P	S	Al	Cr	Cu	Mo	N
1810587	0.0510	0.01	0.84	0.010	0.005	0.038	0.01	0.003	0.001	0.0043
	Ni	Nb	Ti	B	V	Ca				
	0.019	0.038	0.001	0.0001	0.003	0.0022				
TENSILE TEST										
Test Direction	Yield Strength	Tensile Strength	% Total Elong.							
T	72 ksi	77 ksi	28							

This is not a NAFTA or any other FTA certificate of origin
AM/NS Calvert LLC certify that the material herein described has been manufactured, sampled, tested and inspected in accordance with the contract requirements and is fully in compliance.

* - This test is not covered by our current A2LA accreditation

Yasunori Iwasa
Quality Management Director
AM/NS Calvert

Rev.