AM/NS Calvert LLC

1 AM/NS Way
Calvert, Al. 36513 USA

AM/NS CALVERT

Mill Certificate

Order - Item 166227-10	Certificate Number 1184017170	Delivery No 82098198-10	Date 02/13/2019	Page 1 of 1

Customer No: 14552	Cust PO: AMMEX00757

Customer Part No: 01-

Customer Sold to:	Customer Ship to:	Contact - Stan Bevans
ArcelorMittal Mexico SA de CV Francisco J Mugica 1 G Centro 60950 LAZARO CARDENAS MEXICO	ArcelorMittal Mexico SA de CV Administracion Portuaria Integral Edificio API Tampico S/N 89000 TAMPICO MEXICO	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 A36 / 0.1875 " X 72.0000 " ACCORDING TO A1011 {Light < 0.230"(6.0 mm)}-Hot Roll Base

Type of Product/Surface
Hot Roll Black Coil Unexposed WAS USED 110 (RESALE UNEXPOSED

TEST METHOD   Melted in Mexico   Manufactured in USA

ASTM

Country of origin: USA

MATERIAL DESCRIPTION

	ORDERED	Heat No.	Coil No.	Weight Net LB	Weight Gross LB
(mm)	4.763	1813249	1184017170	50,552.000	50,552.000
(in)	0.1875				

CHEMICAL COMPOSITION OF THE LADLE *

Heat No.	C	Si	Mn	P	S	Al	Cr	Cu	Mo	N
1813249	0.1920	0.02	0.85	0.008	0.002	0.032	0.02	0.037	0.007	0.0043

	Ni	Nb	Ti	B	V	Ca
	0.023	0.001	0.001	0.0000	0.004	0.0018

TENSILE TEST

Test Direction	Yield Strength	Tensile Strength	% Total Elong.
T	52 ksi	70 ksi	36

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.