

# AM/NS Calvert LLC

1 AM/NS Way  
Calvert, Al. 36513 USA



## Mill Certificate

CUSTOMER ORIGINAL

Order - Item 185011-100	Certificate Number 2301400880	Delivery No 82385724-10	Date 12/18/2019	Page 1 of 1						
Customer No: 14552		Cust PO: AMMEX01094								
Customer Part No: 10-										
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] / 0.1875 " X 48.0000 " ACCORDING TO A1011 {Light < 0.230"(6.0 mm)}-Hot Roll Base										
Type of Product/Surface Hot Roll Black Coil Unexposed IDS UNEXPOSED										
TEST METHOD ASTM		Melted in Mexico		Manufactured in USA						
Country of origin: USA										
MATERIAL DESCRIPTION										
	ORDERED	Heat No.	Coil No.	Weight Net LB	Weight Gross LB					
(mm)	4.763	1922309	2301400880	45,415.000	45,415.000					
(in)	0.1875									
CHEMICAL COMPOSITION OF THE LADLE *										
Heat No.	C	Si	Mn	P	S	Al	Cr	Cu	Mo	N
1922309	0.0610	0.02	0.80	0.008	0.001	0.036	0.02	0.006	0.002	0.0029
	Ni	Nb	Ti	B	V	Ca				
	0.008	0.032	0.001	0.0001	0.004	0.0010				
TENSILE TEST										
Test Direction	Yield Strength	Tensile Strength	% Total Elong.							
T	69 ksi	74 ksi	31							

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