

AM/NS Calvert LLC

1 AM/NS Way
Calvert, Al. 36513 USA



Mill Certificate

CUSTOMER ORIGINAL

Order - Item 180875-100	Certificate Number 1189315970	Delivery No 82307184-10	Date 09/21/2019	Page 1 of 1
Customer No: 14552		Cust PO: AMMEX01013		
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	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)	4.763	1921713	1189315970	50,882.000	50,882.000					
(in)	0.1875									
CHEMICAL COMPOSITION OF THE LADLE *										
Heat No.	C	Si	Mn	P	S	Al	Cr	Cu	Mo	N
1921713	0.0610	0.02	0.85	0.008	0.002	0.044	0.02	0.006	0.001	0.0038
	Ni	Nb	Ti	B	V	Ca				
	0.007	0.034	0.001	0.0000	0.004	0.0023				
TENSILE TEST										
Test Direction	Yield Strength	Tensile Strength	% Total Elong.							
T	69 ksi	74 ksi	32							

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