

# AM/NS Calvert LLC

1 AM/NS Way  
Calvert, Al. 36513 USA



## Mill Certificate

CUSTOMER ORIGINAL

Order - Item 164000-150	Certificate Number 1183246120	Delivery No 82049503-10	Date 12/12/2018	Page 1 of 1
Customer No: 14552		Cust PO: AMMEX00718 PO 27460		
Customer Part No: 15-				
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] / 0.5000 " X 72.0000 " ACCORDING TO A1018 {Hvy 0.230"(6)-1"(25.4)}-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					
(mm)	ORDERED 12.700	Heat No. 1822543	Coil No. 1183246120	50,640.000	50,640.000					
(in)	0.5000									
CHEMICAL COMPOSITION OF THE LADLE *										
Heat No.	C	Si	Mn	P	S	Al	Cr	Cu	Mo	N
1822543	0.0490	0.01	0.82	0.008	0.003	0.025	0.01	0.007	0.001	0.0036
	Ni	Nb	Ti	B	V	Ca				
	0.007	0.032	0.001	0.0000	0.003	0.0011				
TENSILE TEST										
Test Direction	Yield Strength	Tensile Strength	% Total Elong.							
T	62 ksi	71 ksi	45							

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