

# AM/NS Calvert LLC

1 AM/NS Way  
Calvert, Al. 36513 USA



## Mill Certificate

CUSTOMER ORIGINAL

Order - Item 164000-230	Certificate Number 1183260080	Delivery No 82049505-10	Date 12/12/2018	Page 1 of 1
Customer No: 14552		Cust PO: AMMEX00718 PO 27460		
Customer Part No: 23-				
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] / 0.2500 " 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					
	ORDERED	Heat No.	Coil No.							
(mm)	6.350	1822383	1183260080	50,353.000	50,353.000					
(in)	0.2500									
CHEMICAL COMPOSITION OF THE LADLE *										
Heat No.	C	Si	Mn	P	S	Al	Cr	Cu	Mo	N
1822383	0.0540	0.02	0.86	0.008	0.003	0.048	0.01	0.011	0.000	0.0031
	Ni	Nb	Ti	B	V	Ca				
	0.014	0.032	0.001	0.0000	0.003	0.0022				
TENSILE TEST										
Test Direction	Yield Strength	Tensile Strength	% Total Elong.							
T	67 ksi	75 ksi	40							

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