

AM/NS Calvert LLC

1 AM/NS Way
Calvert, Al. 36513 USA



Mill Certificate

CUSTOMER ORIGINAL

Order - Item 164000-130	Certificate Number 1183216590	Delivery No 82045259-10	Date 12/12/2018	Page 1 of 1
Customer No: 14552		Cust PO: AMMEX00718 PO 27460		
Customer Part No: 13-				
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] / 0.3125 " 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 7.938	Heat No. 1822270	Coil No. 1183216590	50,596.000	50,596.000					
(in)	0.3125									
CHEMICAL COMPOSITION OF THE LADLE *										
Heat No.	C	Si	Mn	P	S	Al	Cr	Cu	Mo	N
1822270	0.0530	0.01	0.92	0.011	0.006	0.048	0.01	0.006	0.000	0.0050
	Ni	Nb	Ti	B	V	Ca				
	0.014	0.034	0.001	0.0000	0.003	0.0023				
TENSILE TEST										
Test Direction	Yield Strength	Tensile Strength	% Total Elong.							
T	63 ksi	71 ksi	46							

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