

AM/NS Calvert LLC

1 AM/NS Way
Calvert, Al. 36513 USA



Mill Certificate

CUSTOMER ORIGINAL

Order - Item 164000-150	Certificate Number 1183474690	Delivery No 82071995-10	Date 01/07/2019	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	Heat No.	Coil No.							
(in)	12.700	1832972	1183474690	50,463.000	50,463.000					
	0.5000									
CHEMICAL COMPOSITION OF THE LADLE *										
Heat No.	C	Si	Mn	P	S	Al	Cr	Cu	Mo	N
1832972	0.0500	0.03	0.81	0.015	0.003	0.037	0.02	0.009	0.000	0.0027
	Ni	Nb	Ti	B	V	Ca				
	0.018	0.034	0.001	0.0000	0.003	0.0012				
TENSILE TEST										
Test Direction	Yield Strength	Tensile Strength	% Total Elong.							
T	63 ksi	72 ksi	48							

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