

AM/NS Calvert LLC

1 AM/NS Way
Calvert, Al. 36513 USA



Mill Certificate

CUSTOMER ORIGINAL

Order - Item 167719-370	Certificate Number 1184382820	Delivery No 82124268-10	Date 03/10/2019	Page 1 of 1
Customer No: 14552		Cust PO: AMMEX00774		
Customer Part No: 38-				
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					
	ORDERED	Heat No.	Coil No.							
(mm)	12.700	1823157	1184382820	50,441.000	50,441.000					
(in)	0.5000									
CHEMICAL COMPOSITION OF THE LADLE *										
Heat No.	C	Si	Mn	P	S	Al	Cr	Cu	Mo	N
1823157	0.0530	0.02	0.87	0.012	0.003	0.042	0.02	0.008	0.001	0.0049
	Ni	Nb	Ti	B	V	Ca				
	0.017	0.034	0.001	0.0000	0.003	0.0020				
TENSILE TEST										
Test Direction	Yield Strength	Tensile Strength	% Total Elong.							
T	65 ksi	72 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