

AM/NS Calvert LLC

1 AM/NS Way
Calvert, Al. 36513 USA



Mill Certificate

CUSTOMER ORIGINAL

Order - Item 180875-120	Certificate Number 1189907260	Delivery No 82333941-10	Date 10/17/2019	Page 1 of 1						
Customer No: 14552		Cust PO: AMMEX01013								
Customer Part No: 12-										
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] / 0.1875 " X 60.0000 " ACCORDING TO A1011 {Light < 0.230"(6.0 mm)}-Hot Roll Base										
Type of Product/Surface Hot Roll Black Coil Unexposed IDS UNEXPOSED										
TEST METHOD ASTM		Melted in Mexico		Manufactured in USA						
MATERIAL DESCRIPTION										
		Country of origin: USA								
	ORDERED	Heat No.	Coil No.	Weight Net LB	Weight Gross LB					
(mm)	4.763	1932146	1189907260	41,425.000	41,425.000					
(in)	0.1875									
CHEMICAL COMPOSITION OF THE LADLE *										
Heat No.	C	Si	Mn	P	S	Al	Cr	Cu	Mo	N
1932146	0.0600	0.02	0.83	0.007	0.002	0.053	0.02	0.004	0.001	0.0050
	Ni	Nb	Ti	B	V	Ca				
	0.006	0.034	0.001	0.0000	0.004	0.0018				
TENSILE TEST										
Test Direction	Yield Strength	Tensile Strength	% Total Elong.							
T	68 ksi	74 ksi	32							

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