

AM/NS Calvert LLC

1 AM/NS Way
Calvert, Al. 36513 USA



Mill Certificate

CUSTOMER ORIGINAL

Order - Item 154250-310	Certificate Number 1179518710	Delivery No 81882663-10	Date 06/11/2018	Page 1 of 1
Customer No: 14552		Cust PO: AMMEX00587		
Customer Part No: 31-				
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 COMMERCIAL APPLICATION				

TEST METHOD	Melted in Mexico		Manufactured in USA							
ASTM	Country of origin: USA									
MATERIAL DESCRIPTION				Weight Net LB	Weight Gross LB					
(mm)	ORDERED 12.700	Heat No. 1830856	Coil No. 1179518710	51,081.000	51,081.000					
(in)	0.5000									
CHEMICAL COMPOSITION OF THE LADLE *										
Heat No.	C	Si	Mn	P	S	Al	Cr	Cu	Mo	N
1830856	0.0490	0.02	0.84	0.018	0.003	0.044	0.01	0.003	0.001	0.0058
	Ni	Nb	Ti	B	V	Ca				
	0.022	0.035	0.001	0.0001	0.005	0.0011				
TENSILE TEST										
Test Direction	Yield Strength	Tensile Strength	% Total Elong.							
T	65 ksi	72 ksi	55							

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

Rev.