AM/NS Calvert LLC

1 AM/NS Way Calvert, Al. 36513 USA



CUSTOMER ORIGINAL

				Μ	Mill Certificate CUSTOMER ORIGINAL					
Order - Item 177061-30				Delive 82258	ry No 881-10	Date 08/05			Page 1 of 1	
Customer No: 14552					Cust PO: AMMEX00922					
Customer Par	t No: 03-									
Customer Sold to: ArcelorMittal Mexico SA de CV Francisco J Mugica 1 G Centro 60950 LAZARO CARDENAS MEXICO			Arcelo Admin Edifici 89000	Customer Ship to: ArcelorMittal Mexico SA de CV Administracion Portuaria Integra 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 / C Hot Roll Black			00 " X 72	.0000 " /	ACCORDING	TO A1018	3 {Hvy 0.230"(6)-1"(25.4)	}-Hot Roll	Base
Type of Produc Hot Roll Black		osed WAS	USED 11	0 (RESA	LE UNEXPOS	SED				
TEST METHOD Melted in					0		Manufactured in USA			
ASTM										
MATERIAL DES	CRIPTION		Countr	y of orig	in: USA					
(mm) (in)	ORDEREI 12.70 0.500	D 19214	leat No. 431 1188	Coil No. 105880		Net LB	Weight Gross LB 50,353.000			
CHEMICAL COI) F *							
Heat										
No.	С	Si	Mn	F	p S	AI	Cr	Cu	Мо	Ν
1921431	0.1950	0.01	0.83	0.006	6 0.003	0.039	0.02	0.005	0.000	0.0035
	Ni 0.005	Nb 0.002	Ti 0.000	E 0.0000		Ca 0.0030				
TENSILE TEST										
Test Direction	Yield Strength	Tensile Strength	% Total Elong.							
т	45 ksi	68 ksi	47							

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

Maximon Juraan-

Yasunori Iwasa **Quality Management Director** AM/NS Calvert