


Buderus Edelstahl GmbH Buderusstraße 25, 35576 Wetzlar	<b>Buderus</b>   Edelstahl		
Company ISI Trading	Inspection certificate EN 10204-3.1		Stempel des Abnahmebeauftragten Inspectors Stamp
	Certificate No. 326604/1		
	Our Reference No. Pos. 513530 1		

Heat No.  
20615

Melting process	Electric steel
Casting method	Ingot casting
Material Grade	Nitro-V
Steel gr.no.	4037 MOD.
Production order	4320503
Shipment no./Date	6021770991/24.05.2019
Invoice No./Date	6035011785/28.05.2019

Material description : Cold rolled Strip  
Customer Order-No. : PO-000059 4-6

Specification : Chemistry:  
C: 0.66 - 0.70 %  
Si: 0.30 - 0.50 %  
Mn: 0.60 - 0.70 %  
P: max. 0.020 %  
S: max. 0.010 %  
Cr: 12.70 - 13.30 %  
V: 0.05 - 0.10 %  
N: 0.10 - 0.12 %

tolerances acc. DIN EN 10140:2006  
version A

Dimension : 1,780 x 380,000 mm  
thickness tolerance +0,050 / -0,050 mm  
width tolerance +3,600 / -0,000 mm  
length 1.219,200 mm +12,000 / -0,000 mm

Chemistry Analysis (% - H [Hydrogen] in ppm)								
20615	C	Si	Mn	P	S	Cr	V	N
	0.690	0.382	0.654	0.0150	0.0020	12.750	0.078	0.1073

**Hardness Test**

K0503 hardness converted: 781.4 MPa  
hardness converted: 774.8 MPa



Certificate is prepared by EDP-System and is valid without signature.  
We hereby certify, the above mentioned material is in accordance with the terms of the order.

Approval & Certification  Wetzlar, 29.05.2019	Manufacturer Works inspector  Kai-Lukas Lotz	Page 1 of 1  Enclosures <input type="checkbox"/>
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