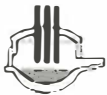


Buderus Edelstahl GmbH Dillfeld 40, 35576 Wetzlar	Buderus Edelstahl		
NJSB TAG NO. 409	Inspection certificate EN 10204-3.1		Stempel des Abnahmebeauftragten Inspector's Stamp
	Certificate No. 337455/1		
	Our Reference No. Pos. 514187 3		

Heat No.
21455

Melting process	Electric steel
Casting method	Ingot casting
Material Grade	X65Cr13 mod.
Steel gr.no.	4037 MOD.
Production order	4335285
Shipment no./Date	6021771099/01.11.2019
Invoice No./Date	6035011803/11.11.2019

Material description : Cold rolled strip in bars

Customer Order-No. : PO-00062

Specification : Chemistry:
C: 0.66 - 0.70 %
Si: 0.30 - 0.50 %
Mn: 0.60 - 0.70 %
P: max. 0.025 %
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 : 4,191 x 340,000 mm, mill edges
length 1.219,200 mm

Chemistry Analysis (% - H [Hydrogen] in ppm)

21455	C	Si	Mn	P	S	Cr	V	N
	0.672	0.340	0.660	0.0190	0.0010	12.890	0.090	0.1160

Hardness Test

K5285 hardness converted: 858.4 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	Manufacturer Works inspector	Page 1 of 1
Wetzlar, 12.11.2019	Kai-Lukas Lotz	Enclosures <input type="checkbox"/>