


Buderus Edelstahl GmbH Buderusstraße 25, 35576 Wetzlar	<b>Buderus</b>   Edelstahl		
NJSB TAG NO. 380	Inspection certificate <b>EN 10204-3.1</b>		Stempel des Abnahmebeauftragten Inspector's Stamp
	Certificate No. <b>326597/1</b>		
	Our Reference No. Pos. <b>513866 3</b>		

Heat No.  
22709

Melting process	Electric steel
Casting method	Ingot casting
Material Grade	80CrV2
Steel gr.no.	2235
Production order	4326221
Shipment no./Date	6021760008/24.05.2019
Invoice No./Date	6035011784/28.05.2019

Material description : Hot rolled Strip skin passed in bars

Customer Order-No. : PO-00061

Specification : Analysis:

C	0.75 - 0.85 %
Si	0.15 - 0.35 %
Mn	0.30 - 0.50 %
P max.	0.025 %
S max.	0.020 %
Cr	0.40 - 0.60 %
Ni max.	0.40 %
Mo max.	0.10 %
V	0.15 - 0.25 %

Dimension : 4,953 x 400,00 mm (.195 x 15.75")  
thickness tolerance +0,075 /-0,075 mm (+/- .003")  
width tolerance +4,68 /-0,00 mm (+ .184/-0")  
length 1.219,20 mm (48") +12,00 / -0,00 mm (+ .47/-0")

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

22709	<b>C</b>	<b>Si</b>	<b>Mn</b>	<b>P</b>	<b>S</b>	<b>Cr</b>	<b>Ni</b>	<b>Mo</b>
	0.768	0.293	0.393	0.0069	0.0010	0.498	0.109	0.032
	<b>V</b>							
	0.170							

Hardness Test

K6221 HBW: 642.7 MPa

We confirm, the material contains no radioactive contamination, that exceeds the natural values. The relevant legal requirements are kept.

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