

Buderus Edelstahl GmbH  
Dillfeld 40, 35576 Wetzlar

# Buderus | Edelstahl

## NJSB Tag No. 915

Inspection certificate  
EN 10204-3.1

Certificate No.  
387587/1

Our Reference No. Pos.  
517958 1



Stempel des  
Abnahmebeauftragten  
Inspectors Stamp

Heat No.  
27243

Melting process	Electric steel
Casting method	Ingot casting
Material Grade Steel	15N20
gr.no. Production	2796
order Shipment no./	4382218
Date Invoice No./	6021771457/26.10.2021
Date	6035011953/17.11.2021

Material description : Cold rolled strip in bars

Customer Order-No. : PO 231

Specification : Tolerances acc. to DIN EN 10140

Analysis:

C 0,70 - 0,80 %  
Si 0,20 - 0,35 %  
Mn 0,30 - 0,45 %  
P max. 0,018 %  
S max. 0,005 %  
Cr 0,05 - 0,25 %  
Ni 1,85 - 2,15 %  
Mo max. 0,03 %

Dimension : 3,175 x 406,400 mm  
thickness tolerance +0,050 /-0,050 mm  
width tolerance +4,200 /-0,000 mm  
length 1.219,200 mm +15,000 / -0,000 mm

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

27243	C	Si	Mn	P	S	Cr	Ni	Mo
	0.739	0.259	0.348	0.0039	0.0011	0.119	1.940	0.028

Hardness Test

C2218 hardness converted: 597.8 MPa  
hardness converted: 580.7 MPa

Annealed-Structure:

C2218 spherodized carbides: 100 %

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  Wetzlar, 18.11.2021	Manufacturer Works inspector  Kai-Lukas Lotz	Page 1 of 1  Enclosures <input type="checkbox"/>
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