

NJSB TAG NO. 331

Inspection certificate
EN 10204-3.1

Certificate No.
318836/1

Our Reference No. Pos.
513528 3



Stempel des
Abnahmebeauftragten
Inspectors Stamp

Heat No.
22054

Melting process	Electric steel
Casting method	Ingot casting
Material Grade	15N20
Steel gr.no.	2796
Production order	4320518
Shipment no./Date	6021770908/25.01.2019
Invoice No./Date	6035011761/06.02.2019

Material description : Hot rolled Strip skin passed

Customer Order-No. : PO-000058 Pos. 1-3

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 : 3,430 x 400,000 mm "35"
thickness tolerance +0,050 /-0,050 mm
width tolerance +4,680 /-0,000 mm
length 1.219,200 mm +12,000 / -0,000 mm

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

22054	C	Si	Mn	P	S	Cr	Ni	Mo
	0.720	0.250	0.381	0.0055	0.0010	0.098	2.000	0.022

Hardness Test

C0518 hardness converted: 590.1 MPa

Annealed-Structure:

C0518 spherodized carbides: 95 %

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, 06.02.2019	Works inspector Kai-Lukas Lotz	Enclosures <input type="checkbox"/>