

**NJSB TAG NO. 371**

Inspection certificate  
EN 10204-3.1

Certificate No.  
322330/1

Our Reference No. Pos.  
513521 1



Stempel des  
Abnahmebeauftragten  
Inspectors Stamp

Heat No.  
20613

Melting process	Electric steel
Casting method	Ingot casting
Material Grade	X65Cr13 mod.
Steel gr.no.	4037 MOD.
Production order	4320402
Shipment no./Date	6021770944/18.03.2019
Invoice No./Date	6035011775/25.03.2019

Material description : Cold rolled Strip

Customer Order-No. : PO-000058 Pos. 4+5

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 : 3,430 x 380,000 mm <sup>135"</sup>  
thickness tolerance +0,060 / -0,060 mm  
width tolerance +3,600 / -0,000 mm  
length 1.219,200 mm +12,000 / -0,000 mm

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

	C	Si	Mn	P	S	Cr	V	N
20613	0.699	0.441	0.640	0.0180	0.0040	12.740	0.074	0.1002

Hardness Test

K0402 hardness converted: 744.6 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	Page 1 of 1
Wetzlar, 25.03.2019	Works inspector Kai-Lukas Lotz	Enclosures <input type="checkbox"/>