

NJSB TAG NO. 357

Inspection certificate
EN 10204-3.1

Certificate No.
319434/1

Our Reference No. Pos.
514151 1



Stempel des
Abnahmebeauftragten
Inspectors Stamp

Heat No.
21521

Melting process Electric steel
Casting method Ingot casting
Material Grade 0618
Steel gr.no. 1095
Production order 4334553
Shipment no./Date 6021770918/05.02.2019
Invoice No./Date 6035011767/14.02.2019

Material description : Hot rolled Strip

Finish : Type DIN EN 10048
oiled, mill edges

Customer Order-No. : Email dated December 19th

Specification : Analysis:

C 0.90 - 0.99 %
Si 0.10 - 0.30 %
Mn 0.30 - 0.70 %
P max. 0.040 %
S max. 0.040 %

Dimension : 3,560 x 250,000 mm (.140 x 9.843'')
thickness tolerance +0,170 /-0,170 mm (+/- ,007)
width tolerance +3,900 /-0,000 mm (+ .154/- 0.00)

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

21521	C	Si	Mn	P	S
	0.962	0.230	0.458	0.0043	0.0010

Tensile Sample / Tensile Test

C4553	test direction	L
	Temperature:	23 °C
	YS:	335 MPa
	UTS:	606 MPa
	El:	16.6 %

Annealed-Structure:

C4553 spherodized carbides: 95 %

C4553 decarburisation /mm: 0.00 mm

Guaranteed

E Sauerstoff (Stäbchenprobe 6x60mm!)
E lXCharge, max.-Wert wird garantiert
E Prüfbemerkung

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, 14.02.2019	Works inspector Jan Dienstbach	Enclosures <input type="checkbox"/>