

COGNOR S.A.

ODDZIAŁ HSJ W STALOWEJ WOLI

Adres: str. E. Kwiatkowskiego 1

37-450 Stalowa Wola POLAND

NIP 118-12-34-296

ORIGINAL

ROLLED PRODUCTS

INSPECTION CERTIFICATE No 90206/18

EN 10204:2004/3.1

lubos.prochazka@bolzano.cz

Customer: Bohdan Bolzano s.r.o.
272 01 Kladno ul. Huťská 126

Delivery address: Huťská 126 272 01 - Kladno CZ - CZECHY

Customer order No:

Order No:

Receipt Report No:

B180OB-3592/LP

B180OB-3592/LP

267.1110.232.18

Description:

Dimension:

Steel type:

Heat No:

Pieces:

Weight

Hot rolled steel bars
Delivery condition: normalized

Ø 150

S355NL

40907

6

4 885

EN 10025-3:2004
B16TDP-04 Rev. 1
EN 10060:2003
EN 10025-2:2004Length:
limited: 5 - 6,5 mMaterial non -
radioactive.

as stock for machined parts

Reduction ratio 4.9

1. Chemical Analysis:

Heat No	C	Mn	Si	P	S	Cr	Ni	Cu	Mo	V	Al
40907	0.1800	1.2400	0.2400	0.0150	0.0090	0.1500	0.1200	0.1800	0.0400	0.0030	0.0280
	Ti	N2	Nb	Sn	CEV						
	0.0020	0.0065	0.0010	0.0130	0.45						

2. Mechanical properties and hardness

Heat No	Test No	Heat treatment	[MPa]	[MPa]	[%]	[%]	Impact	Heat treatment tests	Hardness
40907	521	normalized	ReH 357	Rm 522	A5 31.6	Z 69.7	ISOV -50°C [J] 98/98/117		

3. Other tests

Macroetch test:

Microinclusions:

Grain size:

100% ultrasonic test was carried out acc. to: EN10308Tab.1type 1aTab2, 3 class -satisfactory results.Spectrotest - 100%.
Surface defects acc. to: PN-EN 10221 class B.Surface and dimensions tested at 100%.
MIXMATCH TEST 100%Material was carried out acc. to
Technical Specifications and
order confirmation

Material marked: Heat No, grade,

Material was released on the base of inspection and tests carried out. The product in accordance with European Directive No 2000/53/WE.

Quality Control

The quality manager

Expert stamp

Krystyna Dul

COGNOR SPÓŁKA AKCYJNA
ODDZIAŁ HSJ W STALOWEJ WOLI
DYREKTOR
ds. Jakości
*Krzysztof Kulaga*Stalowa Wola
2018.12.14