



# SIDERMARCA

SIDERMARCA S.R.L.  
Via della Libertà, 46  
I-31050 Ponzano Veneto (TV)  
Tel. +39 0422 96 30 69  
Fax +39 0422 96 90 32

P.IVA e C.F. 110238004026/  
R.E.A. TV 206888 | Cap. Soc. € 31.200 i.v.  
**info@sidermarca.com** | sidermarca@legalmail.it | www.lucefin.com  
Società assoggettata a direzione  
e coordinamento da parte di Lucefin S.p.A.



A06 - Customer:	<b>KROKAR D.O.O.</b>	SPODNJI PLAVZ 28	4270 - JESENICE	SLOVENIA
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A02 - Type of inspection document	A03 - Document number	Z02 - Date of issue
Values of the Certificate of Control 3.1 according to EN 10204:2004 Manufacturer	<b>CRL2516735028</b>	18/03/2026

B02 - Grade - B03 - Execution - B01 - Section
<b>42CrMo4+QT+SH Peeled Reeled Round</b>

B02 - Standard of reference ( edition in force at the date of the order)	<b>EN ISO 683-7/24</b>
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B09 - Size [mm]	B03 - Tolerance	B04 - Delivery condition	B05 - Heat treatment
<b>25</b>	<b>h9</b>	<b>+QT+SH</b>	<b>Quenching and Tempering</b>

A09 - Customer article designation	B08 - Quantity	B10 - Length [mm]
	<b>[kg] 201</b>	<b>6460</b>

B07 - Lot	B07 - Heat	C70 - Stellmaking process
<b>L25024624</b>	<b>BL2206</b>	

A07 - Your Order	A08 - Our Confirmation	A10 - Transport document NR.
<b>00038</b>	<b>MRA2605154</b>	<b>MRA2602393 of 18/03/2026</b>

HEAT ANALYSIS							
C71	C72	C73	C74	C75	C76	C77	C79
C %	Si %	Mn %	P %	S %	Cr %	Mo %	Cu %
<b>0,4350</b>	<b>0,220</b>	<b>0,820</b>	<b>0,0090</b>	<b>0,0280</b>	<b>1,090</b>	<b>0,1700</b>	<b>0,1000</b>

C50 - Jominy test H 1.5 mm															
mm	1,5	3	5	7	9	11	13	15	20	25	30	35	40	45	50
HRC	60,00	59,00	58,00	58,00	58,00	57,00	55,00	54,00	51,00	47,00	43,00	42,00	40,00	39,00	39,00

### Reference mechanical properties of the specimen:

- Heat treatment: +QT

Tensile test according to standard EN-ISO 6892

C12 - Rm [MPa]	C11 - Re-Rp 0,2 (*) [MPa]	C13 - A % 5d-L	C14 - Z% L
<b>1.069,0</b>	<b>1.001,0</b>	<b>16,00</b>	<b>54,0</b>

\* According to the reference standard

Resilienza KV2 +20°C secondo la norma EN-ISO 148 / Impact test KV2 +20°C according to standard EN-ISO 148 / Kerbähigkeit KV2 +20°C nach Standard EN-ISO 148 / Resilience KV2 +20°C Selon la norme EN-ISO 148

KV2[J]	KV2[J]	KV2[J]
<b>83,0</b>	<b>86,0</b>	<b>80,0</b>

Resilienza KV2 -20°C secondo la norma EN-ISO 148 / Impact test KV2 -20°C according to standard EN-ISO 148 / Kerbähigkeit KV2 -20°C nach Standard EN-ISO 148 / Resilience KV2 -20°C Selon la norme EN-ISO 148

KV2[J]	KV2[J]	KV2[J]
<b>77,0</b>	<b>72,0</b>	<b>68,0</b>

### HARDNESS ACCORDING TO STANDARD EN-ISO 6506-1

C30 - HB
C42 - <b>327</b>

### Z01 - Remarks:

Il materiale non contiene prodotti di acciaio originari della Russia menzionati nell'Allegato XVII del Regolamento (UE) n. 833/2014 e sue ulteriori modifiche/  
The material does not contain steel products originating in Russia mentioned in Annex XVII of Regulation (EU) No 833/2014 and its additional amendments.

The product supplied complies with the requirements of the order.

This product complies with the Directive 2011/65/EU RoHS II

This product complies with the Regulation (EC) n. 1907/2006 REACH

Material free from radioactive contamination

Country of production: Italy

A05 - Responsible for quality control