SIDERMARCA

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e coordinamento da parte di Lucefin S.p.A.

GRUPPO LUCEFIN
Lovin' Steel

A06 - Customer:	KROKAR D.O.O.	SPODNJI PLAVZ 28	_ 4270 - JESENICE	_ SLOVENIA

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	**CRT2500012037**	04/11/2026

B02 - Grade - B03 - Execution - B01 - Section
42CrMo4+QT Hot Rolled Round

B02 - Standard of reference (edition in force at the date of the order)	**EN ISO 683-2/18**

B09 - Size [mm]	B03 - Tolerance	B04 - Delivery condition	B05 - Heat treatment
300	**EN 10060**	**+QT**	**Quenching and Tempering**

A09 - Customer article designation	B08 - Quantity		B10 - Length [mm]
	[kg]	**558**	**1000**

B07 - Lot	B07 - Heat	C70 - Stellmaking process	
L25018159	**40267711**		

A07 - Your Order	A08 - Our Confirmation	A10 - Transport document NR.
667	**MRA2619534**	**MRA2608574 of 04/11/2026**

HEAT ANALYSIS

C71	C72	C73	C74	C75	C76	C77	C79	C80
C %	Si %	Mn %	P %	S %	Cr %	Mo %	Cu %	Al %
0,4200	**0,300**	**0,780**	**0,0180**	**0,0200**	**1,160**	**0,2170**	**0,0100**	**0,0300**

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	**57,00**	**56,50**	**56,00**	**55,50**	**55,00**	**55,00**	**54,00**	**53,50**	**50,00**	**45,50**	**42,00**	**39,50**	**39,00**	**38,50**	**36,50**

Mechanical properties

Tensile test according to standard ASTM A370

C12 - Rm [MPa]	C11 - Re-Rp 0,2 (*) [MPa]	C13 - A % 5d-L	C14 - Z% L
808,0	**612,0**	**21,00**	**65,0**

* 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 / Kerbzähigkeit KV2 +20°C nach Standard EN-ISO 148 / Resilience KV2 +20°C Selon la norme EN-ISO 148

KV2[J]	KV2[J]	KV2[J]
65,8	**87,8**	**97,5**

Resilienza KV2 -40°C secondo la norma EN-ISO 148 / Impact test KV2 -40°C according to standard EN-ISO 148 / Kerbzähigkeit KV2 -40°C nach Standard EN-ISO 148 / Resilience KV2 -40°C Selon la norme EN-ISO 148

KV2[J]	KV2[J]	KV2[J]
20,4	**26,0**	**33,1**

- Materiale controllato ad ultrasuoni cl.3 EN 10308

Z01 - Remarks:

The product supplied complies with the requirements of the order.
This product complies with the Directive 2002/95/EC RoHS as amended
This product complies with the Regulation (EC) n. 1907/2006 REACH
Material free from radioactive contamination

Country of melt: CHINA

A05 - Responsible for quality control

Luca Pesato