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	**CRT2600012943**	28/10/2026

B02 - Grade - B03 - Execution - B01 - Section
C45E+AR Hot Rolled Round

B02 - Standard of reference (edition in force at the date of the order)	**EN ISO 683-1/18**

B09 - Size [mm]	B03 - Tolerance	B04 - Delivery condition	B05 - Heat treatment
210	**EN 10060**	**+AR**	**As rolled**

A09 - Customer article designation	B08 - Quantity		B10 - Length [mm]
	[kg]	**414**	**1500**

B07 - Lot	B07 - Heat	C70 - Stellmaking process	C93 - Reduction ratio of the hot rolled
L26022026	**T14310/2026**		**6,30**

A07 - Your Order	A08 - Our Confirmation	A10 - Transport document NR.
653	**MRA2619181**	**MRA2608375 of 28/10/2026**

HEAT ANALYSIS

C71	C72	C73	C74	C75	C76	C77	C78	C79	C80	C83	C86	C91
C %	Si %	Mn %	P %	S %	Cr %	Mo %	Ni %	Cu %	Al %	V %	Ti %	Cr+Mo+Ni %
0,4900	**0,263**	**0,760**	**0,0100**	**0,0250**	**0,160**	**0,0390**	**0,040**	**0,0500**	**0,0270**	**0,0040**	**0,0013**	**0,239**

C92	C95			
N %	Sn %	O ppm	CEV%	H ppm
0,0084	**0,0040**	**0**	**0,66**	**1,5**

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
773,0	**662,0**	**20,00**	**67,1**

* 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]
97,0	**100,0**	**97,0**

HARDNESS ACCORDING TO STANDARD EN-ISO 6506-1

C30 -	HB
C42 -	**170**

Grain Size (ASTM E112) **8,00**

- Materiale controllato ad ultrasuoni cl.2 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

A05 - Responsible for quality control

Luca Pesato