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	**CRT2600001975**	28/01/2026

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
180	**EN 10060**	**+AR**	**As rolled**

A09 - Customer article designation	B08 - Quantity	B10 - Length [mm]
	[kg] 1.252	**6000/6500**

B07 - Lot	B07 - Heat	C70 - Stellmaking process	C93 - Reduction ratio of the hot rolled
L26002838	**T54893**		**8,50**

A07 - Your Order	A08 - Our Confirmation	A10 - Transport document NR.
9-NAR-26-0074	**MRA2601502**	**MRA2600713 of 28/01/2026**

HEAT ANALYSIS

C71	C72	C73	C74	C75	C76	C77	C78	C79	C80	C91
C %	Si %	Mn %	P %	S %	Cr %	Mo %	Ni %	Cu %	Al %	Cr+Mo+Ni %
0,4900	**0,249**	**0,750**	**0,0120**	**0,0040**	**0,110**	**0,0210**	**0,050**	**0,0400**	**0,0250**	**0,181**

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
758,0	**675,0**	**23,80**	**66,0**

* 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]
128,0	**133,0**	**126,0**

HARDNESS ACCORDING TO STANDARD EN-ISO 6506-1

C30 -	HB
C42 -	**203**

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 2011/65/EU RoHS II
This product complies with the Regulation (EC) n. 1907/2006 REACH
Material free from radioactive contamination

A05 - Responsible for quality control

Luca Pesato