



SIDERMARCA

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Società assoggettata a direzione
e coordinamento da parte di Lucefin S.p.A.



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				CRT2500017512		08/07/2026					
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					
130		EN 10060		+AR		As rolled					
A09 - Customer article designation		B08 - Quantity		B10 - Length [mm]							
		[kg] 162		1530							
B07 - Lot		B07 - Heat		C70 - Stellmaking process		C93 - Reduction ratio of the hot rolled					
L25028436		T49790				10,00					
A07 - Your Order		A08 - Our Confirmation		A10 - Transport document NR.							
358		MRA2612931		MRA2605650 of 08/07/2026							
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 %	
0,4600	0,260	0,750	0,0110	0,0280	0,190	0,0580	0,020	0,0300	0,0280	0,268	
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					
799,0		699,0		21,40		66,1					
* 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 / Kerzbähigkeit KV2 +20°C nach Standard EN-ISO 148 / Resilience KV2 +20°C Selon la norme EN-ISO 148											
KV2[J]	KV2[J]	KV2[J]									
106,0	111,0	105,0									
HARDNESS ACCORDING TO STANDARD EN-ISO 6506-1											
C30 - HB											
C42 - 166											
Grain Size (ASTM E112) 8,00											
- 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 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 Perato