



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				CRL2618100048			23/06/2026								
B02 - Grade - B03 - Execution - B01 - Section															
42CrMo4+QT+SH Peeled Reeled Round															
B02 - Standard of reference (edition in force at the date of the order)															
EN ISO 683-7/24															
B09 - Size [mm]		B03 - Tolerance		B04 - Delivery condition		B05 - Heat treatment									
28		h9		+QT+SH		Quenching and Tempering									
A09 - Customer article designation			B08 - Quantity			B10 - Length [mm]									
			[kg] 188			6450									
B07 - Lot		B07 - Heat		C70 - Stellmaking process											
L26011339		296643													
A07 - Your Order			A08 - Our Confirmation			A10 - Transport document NR.									
326			MRA2612028			MRA2605163 of 23/06/2026									
HEAT ANALYSIS															
C71	C72	C73	C74	C75	C76	C77	C79								
C %	Si %	Mn %	P %	S %	Cr %	Mo %	Cu %								
0,4130	0,180	0,840	0,0110	0,0260	1,140	0,1900	0,1500								
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	58,20	58,00	57,40	56,20	55,00	53,30	51,60	49,90	47,60	45,70	43,50	41,30	40,40	39,30	38,50
Mechanical properties															
Tensile test according to standard EN-ISO 6892															
C12 - Rm [MPa]				C11 - Re-Rp 0,2 (*) [MPa]				C13 - A % 5d-L				C14 - Z% L			
1.104,0				1.011,0				13,80				52,0			
* 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]													
86,0	87,0	87,0													
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]													
75,0	77,0	77,0													
HARDNESS ACCORDING TO STANDARD EN-ISO 6506-1															
C30 - HB															
C42 -	342														

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

Luca Perotto