



# Cu-coated graphite TCSPMs procurement

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CERN, Geneva

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<https://indico.cern.ch/event/1360943/>

# New order

- New offer received to replace damaged block
- Material from former block gone, need to find a new block → properties ok and 500EUR discount

Material	6036557	Batch	1034686301
min. Density	1,812	HRB Min	84,000
max. Density	1,823	HRB Max	87,000
Medium Density	1,818	HRB Med.	85,700
min. flexural s	54,600	Compressive str	0,000
max. flexural s	59,800	Compressive str	0,000
Medium flexural	57,800	Compressive str	0,000
Ash Min	6,000	CTE Min	4,300
Ash Max	6,000	CTE Max.	4,300
Average Ash	6,000	CTE XQ	4,300
		min. electr. re	12,840
		max. electr. re	13,200
		Medium electr.	13,060
		min. thermal co	0,000
		max. thermal co	0,000
		Medium thermal	0,000

001	1054929 Block SIGRAFINE® R7550 P20 500 x 45 x 25mm According drawing LHCTCSPM0193 Rev. AB Doc nr. ST1580185_02 sheet 1/1 Certificate 3.1 - Material values Min Max Average (ER, Flexural Strength, Hardness HRB 5/100, Density, CTE, E-Modulus, Ash content - Sizes and Ra values per piece CMM print shotSIGRAFINE® Inspection Certificate according DIN EN 10204-3.1	28 PC	1.050,00	1 PC	29.400,00
	Discount (value)				-500,00
	Certificate QA				150,00
002	1054926 Platte SIGRAFINE® R7550 P20	4 PC	163,00	1 PC	652,00
	Discount (value)				-500,00

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Total Amount

29.202,00

# Metrology

- Ongoing metrology to find new pairs

x	S06-1	S06-2						
x	S10-1	25.0063						
	S11-1	24.9881						
x	S12-2	25.0081						
x	S15-1	S15-2			S20-1	24.994	S29-1	24.9939
x	S16-2	25.0103			S22-1	25.0093	S23-2	25.0095
x	S18-2	25.012			S12-2	25.0081	S25-1	25.0074
x	S20-1	24.994			S16-2	25.0103	S18-2	25.012
x	S22-1	25.0093			S10-1	25.0063	S24-2	25.0116
x	S23-2	25.0095						
x	S24-2	25.0116						
x	S25-1	25.0074						
x	S29-1	24.9939						

**Thank you!**