

FABRIKA BAKARNIH CEVI a. d.
MAJDANPEK
SRBIJA

Majdanpek,
15.10.2008.god.

WORK'S CERTIFIKAT N $\frac{0}{=}$ 836 ✓

Customer

Customer's ref

Form *Bakarna cev - Prava dužina 5m;*

Alloy *Cu-DVP JUS C.D1.010*

Standard *JUS C.D5.500, JUS C.D5.502*

Temper *Č37*

Quantity

Exporter

Export ref.

CHEMICAL COMPOSITION

Nominal dimension	Sample N	% Cu	% P	%	%	%
		min. 99,90	0,015 - 0,040			

MECHANICAL TEST

Nominal dimension	Sample N ^o	Tensile strenght R _m (N/mm ²)	Elongation A ₅ (%)	Elongation A ₁₀ (%)	Expansion (%)	Hardness (HV5)	Grain size (mm)
15,0 x 0,8	K82917/4	456,25	3,16				
15,0 x 0,9	K82918/5	443,14	5,32				
15,0 x 1,0	K82292/3	441,98	4,10				
18,0 x 0,8	K82920/3	453,24	4,17				
18,0 x 0,9	K82921/5	455,89	4,90				
22,0 x 0,8	K82923/6	415,51	6,59				
22,0 x 0,9	K82924/7	424,79	5,29				
28,0 x 0,9	K82927/6	426,97	4,17				

Division of Quality Assurance

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WORK'S CERTIFIKAT N ⁰/₌ 629

Customer

Customer's ref

Form *Bakarna cev - Prava dužina 3,1m; Spirala 50m*

Alloy *DVP- Cu JUS C.D1.010*

Standard *JUS C.D5.500; JUS C.D5.502; EN 1057*

Temper *Č22, R220*

Quantity

Exporter

Export ref.

CHEMICAL COMPOSITION

Nominal dimension	Sample N	% Cu	% P	%	%	%
		min. 99,90	0,015 - 0,040			

MECHANICAL TEST

Nominal dimension	Sample N ^o	Tensile strength R _m (N/mm ²)	Elongation A ₅ (%)	Elongation A ₁₀ (%)	Expansion (%)	Hardness (HV5)	Grain size (mm)
6,0 x 0,7	K82284/1	244,97	54,37				
	2	241,59	52,29				
6,0 x 0,9	K82132/3	242,55	49,51				
6,0 x 1,0	K82339/1	241,00	51,19				
8,0 x 0,9	K82305/1	251,17	54,83				
8,0 x 1,0	K82344/1	249,16	49,17				
10,0 x 1,0	K82307/1	252,53	55,08				
12,0 x 0,5	K82005/1	245,05	50,77				
14,0 x 0,5	K81928/1	237,88	50,64				

Division of Quality Assurance

FABRIKA BAKARNIH CEVI a. d.
MAJDANPEK
SRBIJA

Majdanpek,
14.10.2008.god.

WORK'S CERTIFIKAT N ⁰/₌ 832 ✓

Customer

Customer's ref

Form *Bakarna cev - Spirala 50m; PVC; Prava dužina 3,1m; 5m;*

Alloy *Cu-DHP*

Standard *JUS C.D5.500, JUS C.D5.502, EN 1057*

Temper *Č22, R220, Č37, R290*

Quantity

Exporter

Export ref.

CHEMICAL COMPOSITION

Nominal dimension	Sample N	% Cu	% P	%	%	%
		min. 99,90	0,015 - 0,040			

MECHANICAL TEST

Nominal dimension	Sample N ^o	Tensile strength R _m (N/mm ²)	Elongation A ₂ (%)	Elongation A ₁₀ (%)	Expansion (%)	Hardness (HV5)	Grain size (mm)
15,0 x 0,8	K82917/2	444,29	6,72				
15,0 x 0,9	K82918/3	446,91	5,83				
18,0 x 0,8	K82920/2	457,05	3,07				
18,0 x 0,9	K82921/3	454,55	3,15				
22,0 x 0,8	K82923/4	435,54	4,50				
22,0 x 0,9	K82924/5	440,51	7,33				
22,0 x 1,0	K82925/2	451,13	4,12				
28,0 x 0,9	K82927/4	450,69	3,69				
28,0 x 1,0	K82928/2	446,40	6,26				
42,0 x 1,5	K81410/1	456,88	8,52				
54,0 x 1,5	K82821/1	432,89	8,34				
8,0 x 0,9	K71558/1	242,39	53,94				
8,0 x 1,0	K82344/1	249,16	49,17				
10,0 x 0,5	K82633/1	246,27	53,23				
15,0 x 0,8	K83000/1	242,58	51,02				
16,0 x 0,8	K81934/1	243,77	51,22				

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