

QUALITY CERTIFICATE FOR STEEL SUPPLY / MILL TEST CERTIFICATE

№ 209Y6 dd. 15/01/2024

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Manufacturer : Benteler International AG, Germany
Seamless Cold-Drawn Low-Carbon Steel Heat-Exchanger and Condenser Tubes

Bundle #	OD,mm	WT,mm	Length min, mm	Length max, mm	NETTO weight, kg	BRUTTO weight, kg	Standard Norm / Steel Grade	HEAT
1	18,00	1,66	2500,000	9000,000	9.877,00	9.877,00	ASTM A179 A179M-19 A179M-19 /10 EN 10216-2 P265GH DSTU 8939	205507
2	25,00	3,0	2500,000	9000,000	10.650,00	10.650,00	ASTM A179 A179M-19 A179M-19 /10 DSTU 8939 P265GH	205T66YY
3	48,00	2,6	2500,000	9000,000	3.650,00	3.650,00	ASTM A179 A179M-19 A179M-19 /10 DSTU 8939 P265GH	205RR2Y1
TOTAL					24.177,000	24.177,000		

CHEMICAL COMPOSITION

HEAT 205507 ASTM A179/A179M-19	C	Si	Mn	P	S	Cr	Ni	Mo	Al	Co	Cu	Nb	Ti	V	W	Pb	Fe
	0,12	0,25	1,1	0,03	0,005	0,0023	0,01	0,088	0,03	0,01	0,09	0	0	0	0,01	0,00	98,8
MECHANICAL PROPERTIES	Yield Strength H/MM2 min 405		Tensile strength H/MM2 min 566		Elongation % 38		Hardness HRB 21										
HEAT 205T66YY ASTM A179/A179M-19	C	Si	Mn	P	S	Cr	Ni	Mo	Al	Co	Cu	Nb	Ti	V	W	Pb	Fe
	0,17	0,07	0,61	0,03	0,005	0,02	0,01	0,088	0,03	0,01	0,09	0	0	0	0,01	0,00	98,7
MECHANICAL PROPERTIES	Yield Strength H/MM2 min 450		Tensile strength H/MM2 min 605		Elongation % 38		Hardness HRB 23										
HEAT 205RR2Y1 ASTM A179/A179M-19	C	Si	Mn	P	S	Cr	Ni	Mo	Al	Co	Cu	Nb	Ti	V	W	Pb	Fe
	0,17	0,07	0,61	0,03	0,005	0,02	0,01	0,088	0,03	0,01	0,09	0	0	0	0,01	0,00	98,7
MECHANICAL PROPERTIES	Yield Strength H/MM2 min 455		Tensile strength H/MM2 min 610		Elongation % 38		Hardness HRB 24										

