



Elgasaw 102Mo

SAW-Submerged arc welding

Un-alloyed

Date: 1999-12-21
Revision: 4

	C	Si	Mn	P	S	Cr	Ni
Min	0,08	0,05	0,95				
Typical	0,10	0,15	1,00	0,020	0,020		
Max	0,15	0,20	1,20	0,025	0,025	0,15	0,15

	Mo	Cu
Min	0,45	
Typical	0,50	0,15
Max	0,65	0,30

Chemical composition, wt.%

	C	Si	Mn	P	S	Mo
Min						
Typical	0,07	0,50	1,20	0,020	0,020	0,50
Max						

Mechanical properties

	<u>Specified</u>	<u>Typical</u>
Yield strength, Re:	≥ 460 MPa	520 MPa
Tensile Strength, Rm:	≥ 530 MPa	610 MPa
Elongation, A5	≥ 20%	23%
Impact energy, CV:	-20°C• >27 J	-20°C•65 J

Product data

Product code	Diam.mm	Current A	Voltage V
9546-5116	1,6		
9546-5120	2,0		
9546-5124	2,4		
9546-5132	3,2		
9546-5140	4,0		

Classification:

EN 756-92 S 2Mo
AWS A5.23-90 EA2

Approvals:

TÜV pending
DB pending

Note

On request also available:
- in drums of 350 kgs
- on spools acc. to DIN 760 (steel)