



Elgasaw 102

SAW-Submerged arc welding
Un-alloyed

Date: 2004-01-20
Revision: 6

	C	Si	Mn	P	S
Min	0,07		0,80		
Typical	0,10	0,08	1,05	0,020	0,020
Max	0,15	0,15	1,25	0,025	0,025

Chemical composition, wt.%

	C	Si	Mn	P	S
Min					
Typical	0,06	0,40	1,3	0,020	0,020
Max					

Mechanical properties

	<u>Specified</u>	<u>Typical</u>
Yield strength, Re:		440 N/mm ²
Tensile Strength, Rm:		530 N/mm ²
Elongation, A5		28%
Impact energy, CV:		0°C • 120 J -20°C • 80 J

Product data

Product code	Diam.mm	Current A	Voltage V
9542-5016	1,6		
9542-5020	2,0		
9542-5024	2,4		
9542-5032	3,2		
9542-5040	4,0		
9542-5048	4,8		

Classification:

EN 756 S2
AWS A5.17 EM 12

Approvals:

BV pending
TÜV pending

Note

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