

Autogenous wire

Classification

AWS A-5.2 : R60*
 EN 12536 : O III

* Nearest classification

General description

Rods with 0.4% Ni for oxy-acetylene gas welding of joints in pipes
 Excellent rootwelding
 Applicable for design temperatures from -20°C to +350°C

Chemical composition (w%). typical. rod

C	Mn	Si	P	S	Ni
0.06	1.1	0.15	0.01	0.01	0.40

Mechanical properties, typical, all weld metal

	Condition	Yield strength (N/mm ²)	Tensile strength (N/mm ²)	Elongation (%)	Impact ISO-V (J) +20°C
Typical values	AW	340	470	26	65

Packaging

Unit	Sizes (mm)	2.0	2.5	3.0	4.0	5.0
5 kg / 25 kg box		X	X	X	X	X

LNG III: rev. EN 20