

Autogenous wire

Classification

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

* Nearest classification

General description

Rods for oxy-acetylene gas welding of general construction steel
Suitable for mild steel
max. design temperature 350°C
Higher strength than LNG I

Chemical composition (w%), typical rod

C	Mn	Si	P	S
0.10	1.1	0.15	0.01	0.01

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	320	430	17	60

Packaging

Unit	Sizes (mm)	1.6	2.0	2.5	3.0	4.0	5.0
5 kg / 25 kg box		X	X	X	X	X	X

LNG II: rev. EN 20

Liability: All information in this data sheet is based on the best available knowledge, is subject to change without notice and can only be considered as suitable for general guidance **Fumes:** Consult information on Welding Safety Sheet, available upon request