

Autogenous wire

Classification

AWS A-5.2 : R45*
 EN 12536 : O I

* Nearest classification

General description

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

Chemical composition (w%). typical. rod

C	Mn	Si	P	S
0.07	0.4	0.07	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	280	390	16	50

Packaging

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

LNG I: rev. EN 20