

Autogenous wire

Classification

AWS A-5.2 :R45*
EEN 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

Typical chemical composition of all weld metal, (w%)

C	Mn	Si	P	S
0.07	0.4	0.07	0.01	0.01

Mechanical properties of all weld metal

	Condition	Yield strength (N/mm ²)	Tensile strength (N/mm ²)	Elongation (%)	Impact (ISO), J +20°C
Typical values after welding	AW	280	390	16	50

Packaging and available sizes

Process	Unit	Sizes (mm)	3.0	4.0	5.0
5 or 25 kg boxes		X	X	X	X