

Autogenous wire

Classification

AWS A-5.2-89 : R45*
 EN 12536-00 : 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 |
|-------|------------|-----|-----|-----|-----|
| 25 kg | | X | X | X | X |

LNG I: rev. EN 15