



Product Information

Gas Welding Wire, Group G III

For joint welding in the field of mechanical-, apparatus-, boiler- and car engineering as well as pipework with particularly high requirements for viscosity

Gas welding wire, Group G III

All information about our products is the result of our long standing experience which we would like to pass on to our customers as application support. However, as we do not have any influence on the application of the works carried out with our products, please see the warranty claims in our conditions of sale because our liability is limited.

This product information does not constitute warranted properties.

Description

O III, DIN EN 12536 (G III 21, DIN 8554),
Material no. 1.6215
AWS-name: RG 60,
viscous melting bath

Properties

| | |
|-------------------------|--|
| Reference analysis (%): | C0,10; Si0,10; Mn1,10; Ni0,50; Rest Fe |
| Tensile strength (Rm): | 440 - 500 N/mm ² |
| Elastic limit (Re): | 280 - 330 N/mm ² |
| Energy of impact (Av): | > 50J |
| Extension (A): | > 22 % |
| Recommended inert gas: | acetylene-oxygen |

Application

For joint welding in the field of mechanical-, apparatus-, boiler- and car engineering as well as pipework.

Base materials:

St 34, St 360-2, St 52-3, St 35.4, St 45.4,
St 35.8, St45.8

Boiler plates H I – H II – H III,
17Mn4, GS 40-GS45

Delivery Form

1.000 mm wires in the diameters:
1,0 - 6,0 mm,
packed in 25,0 kg shipping cartons;
on request: 5 x 5,0 kg

Approvals

On demand.