

QuFe65

WN ISO 143434-A W/G 29 9; AWS A5.9 : ER312; M.- No.: 1.4337

is used for joint and build-up welding of steels of difficult weld ability, cushioning layers and joining of cold and hot working steels. Scale resistant up to 1.150°C, stainless (wet corrosion up to 300°C). High, warm crack-resistance; good toughness at high elastic limit. Tough joint between dissimilar materials.

Recommendation for

Joining of dissimilar material;
Austenitic – ferrite – crack resistant - corrosion-resistant

Rework

The weld can be warm and cold hardened, chrome-plated, polished and machined

Material analysis in %

C	Si	Mn	Cr	Ni	Fe
0,10	0,4	1,80	29,0	9,0	Rest

(test certificates upon request.)

Standard/Mechanical Values

Inert gas	Argon	Values of the pure weld metal
Temperature	20°C	
Yield strength Re	MPa	600
Tensile strength Rm	MPa	800
Elongation A (Lo = 5do)	%	20
Hardness untreated	HB	

Following standard:

Laser welding wires

rods: 333 mm / 1.000 mm

spool: K80 / K125 / K250 / SH253 / MA125

The reported values were determined by the manufacturer and / or by a neutral Laboratory.
We cannot guarantee for the accuracy.