

DT-1.4337

Stainless Steel MIG/MAG-Wire TIG – Rods

Specifications:

DIN 8556: SG X 10 CrNi 30 9
EN 12072: G/W 29 9
Alloy-No.: 1.4337
AWS A-5.9: ~ ER 312

Application:

CrNi-wire/rod for joining and surfacing equivalent and comparable steels/cast steels and manganese steels. Good resistance to cavitation and thermal cracking. Also for joining dissimilar steels and for repairs/surfacing of hot working tools and intermediate layers.

Chemical Composition: C:≤ 0,14 Cr: 30 Ni: 9,5 Mn: 1,8 Si: 0,4 Element by weight (%)

Mechanical Properties: (typical)	Yield Strength (Re)	560 N/mm ²
	Tensile Strength (Rm)	740 N/mm ²
	Elongation (A)(Lo=5do)	25%
	Impact energy (Av)	50 J

Approvals:

on demand

Shielding Atmosphere:	TIG-rods	(EN439) I 1
	MIG/MAG-wire	(EN439) M13

Selector Guide:

1.4762, 1.4085, manganese steels, steels with
difficult weldabilities

Packaging:

MIG/MAG: spools D 100 / D 200 / K 200 / K 300
TIG: 10-kg-boxes