

DT-317 L

Stainless Steel MIG/MAG-Wire TIG – Rods

Specification

ISO 14343-A : G/W 18 15 3 L
ISO 14343-B: (317 L)
AWS-A5.9: ER 317L

Application

Welding of 317/317L stainless steels in which the Raised Mo level provides improved resistance to pitting in high chloride environments and to some acids (no nitric acid)

Chemical Composition Element by weight (%)

C: 0,03 Si: 0,4 Mn:1,4 Cr: 19 Ni:14 Mo: 3,5

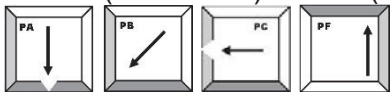
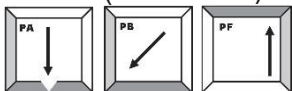
Mechanical Properties (typical)

0,1%-proof stress 370 N/mm²
0,2%-proof stress 350 N/mm²
Tensile Strength 570 N/mm²
Elongation (A)(Lo=5do) 34%
Impact energy (+20°C) 55J

Approvals

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Shielding gas/Polarity

WIG: (ISO 14175) I1 (= -)

MSG: (ISO 14175) M12,M13 (= +)


Typical Base Material

1.4439, 1.4429, 1.4438, 1.4583

Packaging

MIG/MAG Spool: D100, D200, K200, K300
TIG-Rods: 1.0mm up to 3,0mm x 1000 / 5 kg boxes