



CEWELD SP 312

TYPE Solid high Cr/Ni Metal spray wire

TOEPASSINGEN Ceweld SP 312 is a Chromium- Nickel alloy for use at operating temperatures up to 1020 °C. It contains a high chromium content for good corrosion resistance and remarkable strength properties, especially under conditions of frequent switching or wide temperature fluctuations. Used for heating elements in domestic appliances and industrial equipment. CEWELD SP 312 can be applied with the flame spray process and the electric arc process as well.

EIGENSCHAPPEN Excellent corrosion resistance against many media and acid environments. Good thermal shock resistance. Is an 312 Type wire specially modified for spraying.

CLASSIFICATIE EN ISO 14919: X.mod type
W.Nr. 1.4337

GESCHIKT VOOR All materials that are suitable for spray arc cladding

GOEDKEURINGEN

LASPOSITIES



TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

| Si | Mn | Cr | Mo |
|------|----|----|-----|
| 0.55 | 2 | 30 | 0.5 |

MECHANISCHE WAARDEN

| Heat Treatment | R _{P0,2} (MPa) | R _m (MPa) | A ₅ (%) | Hardness |
|----------------|-------------------------|----------------------|--------------------|----------|
| As Welded | | | | 210 HB |

HERDROGEN Not required

GAS ACC. EN ISO 14175 None



CEWELD SP 312

SP 312 1,6MM

| Packaging | KG/unit | EanCode |
|-----------|---------|---------------|
| BS-300 | 15 | 8720663410122 |