

OK Autrod 310

A continuous solid corrosion resisting chromium-nickel wire for welding heat resistant austenitic steels of the 25% Cr, 20% Ni types. OK Autrod 310 has a good general oxidation resistance especially at high temperatures due to its high Cr content. The alloy is fully austenitic and therefore sensitive to hot cracking. Common applications are industrial furnaces and boiler parts as well as heat exchangers. OK Autrod 310 can be used in combination with OK Flux 10.90.

Specifications

Classifications

EN ISO 14343-A : S 25 20
SFA/AWS A5.9 : ER310

Alloy Type

Fully austenitic (25 % Cr - 20 % Ni)

Typical Wire Composition %

| C | Mn | Si | Ni | Cr |
|------|-----|-----|------|------|
| 0.10 | 1.6 | 0.4 | 20.7 | 25.8 |