

1. DESCRIPTION

Weldable steel wire rod in coils suitable for cold drawing or rolling for the production of reinforcing steel wire (mesh quality). Material according to the standard ASTM A510 SAE 1010.

2. CHEMICAL COMPOSITION ON PRODUCT

	C %	Mn %	Si %	P %	S %	Cu %
min	0.08	0.30	0.10	-	-	-
max	0.13	0.60	0.20	0.040	0.050	0.50

Permissible variations for product analysis according to ASTM A510.

3. MECHANICAL AND DIMENSIONAL PROPERTIES

Tensile strength Rm (MPa): ≤ 500 .

Standard diameter range: 5.5 ÷ 13 mm.

Diameter tolerance and out-of-round: according to ASTM A510.

Surface and inner quality: absence of defects that prejudice the use.

4. STANDARD PACKING

In coils up to approx. 2600 kg, inside diameter > 800 mm, outside diameter 1200 ± 50 mm, maximum length 1950 mm, tied with 4 wire rods of 7 mm diameter.

5. STANDARD IDENTIFICATION

Each coil with label reporting: Manufacturer, heat number, nominal diameter, steel quality (grade), product code and date of rolling.

6. STANDARD CERTIFICATION

On demand certificate 3.1 according to EN 10204.

