

1. DESCRIPTION

Weldable steel wire rod in coils suitable for cold drawing or rolling for the production of reinforcing steel wire (mesh quality) named SAE1010.

2. CHEMICAL COMPOSITION ON PRODUCT

	C %	Mn %	Si %	P %	S %
min	0.15	0.40	0.10	-	-
max	0.22	0.80	0.30	0.040	0.050

3. MECHANICAL AND DIMENSIONAL PROPERTIES

Tensile strength Rm (MPa) range: 480 ÷ 540.

Range of diameters: 5.5 ÷ 11 mm.

Diameter tolerance: ± 0.4 mm.

Out-of-round: max 0.6 mm.

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

4. STANDARD PACKING

In coils up to approximately 2.400 kg, inside diameter > 800 mm, outside diameter 1.200 ± 50 mm, maximum length 1.950 mm, tied with 4 wire rods of 7 mm diameter.

5. STANDARD IDENTIFICATION

Each coil with label reporting: 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.

