

1. DESCRIPTION.

Weldable steel wire rod in coils according to (UNI EN) ISO 16120-2.

2. CHEMICAL COMPOSITION ON PRODUCT

	C %	Mn %	Si %	P %	S %	Cu %
min	0.15	0.40	0.15	-	-	-
max	0.20	0.60	0.20	0.025	0.025	0.30

3. MECHANICAL AND DIMENSIONAL PROPERTIES

Tensile strength Rm (MPa): $480 \leq R_m \leq 550$

Diameter tolerance and ovality: according to EN 10017.

Surface quality: according to UNI EN ISO 16120-2 par. 4.2 and 4.4 – max deep of defects 0,17 mm.

Internal quality: absence of defects compromising the use (UNI EN ISO 16120-2 par. 4.5).

4. STANDARD PACKING.

In coils of about 2570 kg, inside diameter > 800 mm, outside diameter 1200 ± 50 mm, maximum length 1900 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), internal code and production data.

6. STANDARD CERTIFICATION.

On demand certificate according to EN 10204.

