

1. DESCRIPTION

Weldable steel wire rod in coils for deep drawing and cold rolling.
Chemical composition according to standard ISO 16120-3 C4D1 and ASTM A 510M SAE 1005 and SAE 1006.

2. CHEMICAL COMPOSITION ON PRODUCT

	C %	Mn %	Si %	P %	S %	B %
min	-	0.25	-	-	-	0.007
max	0.05	0.35	0.10	0.025	0.025	0.010

Permissible deviations of product analysis according to ISO 16120-3.

3. MECHANICAL AND DIMENSIONAL PROPERTIES

Tensile strength Rm (MPa): ≤ 370 .

Standard diameter range: 5,5 ÷ 16 mm.

Diameter tolerance and out-of-round: according to ISO 16124 grade T? and ASTM A 510M.

Diameter (mm)	5,5 ÷ 10	11 ÷ 15	16 ÷ 20
Tolerance (mm)	± 0,25	± 0,30	± 0,35
Out-of-round max (mm)	0,40	0,48	0,56

Surface quality: according to ISO 16120-3 par. 5.3 and 5.4 – max deep of defects 0,17 mm.

Internal quality: absence of defects compromising the use (ISO 16120-3 par. 5.5).

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), internal code and production data.

6. STANDARD CERTIFICATION.

On demand certificate 3.1 according to EN 10204.