

1. DESCRIPTION

Weldable steel rod in coils for cold rolling and drawing. Chemical composition suitable for heavy hot dip galvanizing. Steel rod according to standard ISO 16120-2 C4D and EN 10025-2 S235JR.

2. HEAT CHEMICAL COMPOSITION

	C %	Mn %	Si %	P %	S %
min	-	0.40	0.15	-	-
max	0.06	0.60	0.20	0.025	0.025

Permissible deviations of product analysis according to ASTM A 510M, ISO16120-2 and EN 10025-2.

3. MECHANICAL AND DIMENSIONAL PROPERTIES

Tensile strength: R_m (MPa) \leq 430.

Standard diameter range: 5,5 ÷ 16 mm.

Diameter tolerance and out-of-round: according to ISO 16124 grade T2.

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 and internal quality: according to ISO 16120-2 par. 4.3 and 4.4 and EN 10221 class A.

4. STANDARD PACKAGING

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, trade name, classification, CE marking, internal code and production data.

6. STANDARD CERTIFICATION

On demand document according to EN 10204 and Declaration of performance according to CPR (Reg UE 305/2011).