

1. DESCRIPTION

Weldable ribbed steel wire in wound layer coils for concrete reinforcement according to BDS 9252 (Bulgaria), ELOT 1421 (Greece), A-90/2017 (Hungary), AT 016-01/448-2021 (Romania), steel grade 500, ductility class C, named JUMBO SPOOLED.

2. CHEMICAL COMPOSITION OF HEAT

	Limits	C %	P %	S %	Cu %	N %	Ceq %
BDS 9252; ELOT 1421; A-90/2017AT 016-01/448	max	0.22 (0.24)	0.050 (0.055)	0.050 (0.055)	0.80 (0.85)	0.012 (0.014)	0.50 (0.52)

NOTE: the values in the brackets refer to product analysis.

* is permitted C max 0.25% if Ceq max 0.48%.

3. MECHANICAL PROPERTIES AND DIMENSION TOLERANCES

Standard	Steel grade	Diameter range mm	Weight toll. %	Yield S. Re min MPa	Yield S. Re max MPa	Rm/Re min	Rm/Re max	Agt min %	A5 min %	Bend test
BDS9252	B500C	10 ÷ 16	± 4.5	500c	650	1.15c	1.35c	7.5c	-	note
ELOT1421	B500C	10 ÷ 16	± 4.5	500c	650	1.15c	1.35c	7.5c	-	note
A-90/2017	B500C	10 ÷ 16	± 4.5	500c	650	1.15c	1.35c	7.5c	18	note
AT 016-01/448	B500C	10 ÷ 16	± 4.5	500c	650	1.15c	1.35c	7.5c	16	note

NOTE: c – characteristic values; test after ageing 100°C/1h;

fr values and bending-unbending according to BDS 9252, ELOT 1421, A-90/2017, AT 016-01/448.

4. STANDARD PACKAGING

Coils of std weight 2.4 t and 4.8 t. Height = 900 mm, internal diameter = 700 mm, max width 1050 mm (2.4 t) and 1320 mm (4.8 t). Tied with 4 metallic strips.

5. STANDARD IDENTIFICATION

Each coil identified by diameter painted on the surface and label reporting:

PITTINI
JUMBO SPOOLED
HEAT N°
WEIGHT
DIAMETER
DATE
REFERENCE STANDARDS
PRODUCT CERTIFICATION LOGOS

6. STANDARD CERTIFICATION

On demand Inspection Certificate 3.1 according to EN 10204. Where relevant Declaration of Conformity or Declaration of Performance.

7. APPROVALS

NISI (Bulgaria), TÜV HELLAS (Greece), EMI (Hungary), Permanent Technical Council of Construction (Romania).

8. IDENTIFICATION MARK

Mark 4-7

