

1. DESCRIPTION

Weldable ribbed steel wire in wound layer coils for concrete reinforcement named JUMBO SPOOLED according to NBN A 24-301-302 grade BE500S.

2. HEAT CHEMICAL COMPOSITION

	Limits	C %	P %	S %	Cu %	N %	Ceq %
NBN A 24-301-302	max	0.22	0.050	0.050	-	0.012	0.50

* C max 0.25% is permitted, provided that Ceq max is 0.48%.

3. MECHANICAL AND DIMENSIONAL PROPERTIES

Standard	Steel grade	Diameter range mm	Weight tol. %	Re min MPa	Rm Min MPa	Rm/Re min	Agt min %	fR min
NBN A 24-301-302	BE500S	20	± 4.5%	500c	550c	1.08c	5c	0,064

NOTES:

- test on sample straight by laboratory machine and aged 100°C/1h
- Bend and rebend test: k = 8 for 20mm, bending angle 90°, re-bending angle 30° after aging 100°C/30min

4. STANDARD PACKAGING

In coils of standard weight 2.4t and 4.8 t. Internal diameter 700 mm, height 900mm, max width 1050 mm (2.4 t) and 1320 mm (4.8 t). Tied with 4 metallic strips.

5. STANDARD IDENTIFICATION

Each coil with 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 document 3.1 according EN10204.

For Belgian BENOR customers, certificate 3.1 and D/N including BENOR Logo.

7. APPROVALS

OCAB/OCBS (Belgium).

8. IDENTIFICATION MARK

Mark 4-7

