

1. DESCRIPTION

Weldable hot rolled and stretched steel ribbed wire in coils Ø8mm for reinforcing of concrete named JUMBO STRETCHED, according to ÖNORM B 4707 grade B550B for Austrian market and steel grade B550B according to EN 10080 and EC2 for Danish market.

2. HEAT CHEMICAL COMPOSITION

| | Limits | C % | P % | S % | Cu % | N % | Ceq % |
|--------------|--------|------|-------|-------|------|-------|-------|
| ÖNORM B 4707 | max | 0.22 | 0.050 | 0.050 | 0.80 | 0.012 | 0.50 |
| EN 10080 EC2 | max | 0.22 | 0.050 | 0.050 | 0.80 | 0.012 | 0.50 |

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

3. MECHANICAL PROPERTIES AND DIMENSION TOLERANCES

| Standard | Steel grade | Diameter Range mm | Weight Toll. % | Re min N/mm ² | Rm/Re min | Agt min % | Bend α, k |
|--------------|-------------|-------------------|----------------|--------------------------|-----------|-----------|-----------|
| ÖNORM B 4707 | B550B | 8 | ±6 | 550c | 1.08c | 5c | 180, 3 |
| EN 10080 EC2 | B550B | 8 | ±6 | 550c | 1.08c | 5c | 180, 3 |

NOTES:

- c characteristic values
- ÖNORM B 4707: min value Re 533 MPa, min value Rm/Re 1.06, min value Agt 4.0%.
- test after artificial ageing 100°/ 1h.
- bend test: 180° and mandrel equal to 3Ø
- Projected rib area $I_r > 0.046$ for Ø 8mm.

4. STANDARD PACKAGING

Coils of about 2.5 t, height = 700 mm, int. diameter = 700 mm, ext. diameter = 1100 mm, tied with 4 strips. Regular winding.

5. STANDARD IDENTIFICATION

Each coil with diameter painted on the surface and label reporting:

PITTINI
JUMBO STRETCHED
DATE OF PRODUCTION
HEAT N°
WEIGHT t
DIAMETER MM
REFERENCE STANDARDS
PRODUCT CERTIFICATION LOGOS

6. STANDARD CERTIFICATION

On demand test certificate 3.1 according to EN 10204.

7. APPROVALS

Baucert Steiermark (Austria) and GlobeCert (Denmark) .

8. IDENTIFICATION MARK

Mark 1-7

