

## 1. DESCRIPTION

Weldable cold rolled ribbed steel wire in coils for concrete reinforcement for Austria market according to ÖNORM B4707 grade B550A named JUMBO KR.

## 2. HEAT CHEMICAL COMPOSITION

	Limits	C %	P %	S %	Cu %	N %	Ceq %
ÖNORM 4707	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 Tol. %	Re min N/mm <sup>2</sup>	Rm/Re min	Agt min %	Bend $\alpha, k$
ÖN 4707	B550A	6 ÷ 12	note	550c	1.05c	2,5c	180, 3

### NOTES:

- c characteristic values
- test after artificial ageing 100°/ 1h.
- Weight tolerance: for  $\varnothing \leq 8\text{mm}$  +/-6%; for  $\varnothing > 8\text{mm}$  +/- 4.5 %
- bend test: 180° e k=3
- For diameters from 6 up to 12mm: min value Re 533 MPa; min value Rm/Re 1.03; min value Agt 2.0%.
- Projected rib area  $fR \geq 0.040$  for 6mm;  $fR \geq 0.046$  for 8-10-12mm

## 4. STANDARD PACKAGING

Coils weight 2.5 t, height = 630 mm, int. diameter = 630mm, ext. diameter = approx. 1100 mm, tied with 4 double strips.

## 5. STANDARD IDENTIFICATION

Each coil with label reporting:

**PITTINI**  
**ACCIAIERIE DI VERONA S.p.A.**  
**JUMBO KR B550A**  
**DIAMETER mm**  
**HEAT N°**  
**NOMINAL WEIGHT kg**  
**PACKAGING**  
**DATE OF PRODUCTION**  
**REFERENCE STANDARDS**  
**PRODUCT CERTIFICATION LOGOS**

## 6. STANDARD CERTIFICATION

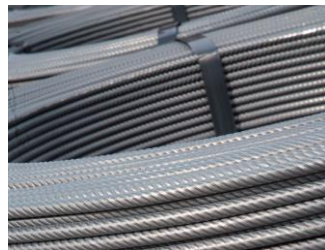
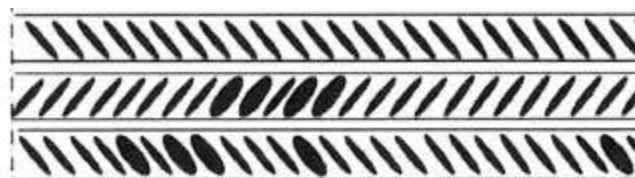
On demand certificate 3.1 according to EN 10204.

## 7. APPROVALS

Baucert Steiermark.

## 8. IDENTIFICATION MARK

Mark 41



**Acciaierie di Verona S.p.A.**

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