



STANDARD

CLASSIFICATION

FEATURES

UNI EN 10263-2: 2017

Non Alloy Steel Wire Rod For Conversion to Wire - general purpose wire rod

Non Alloy Steel

C4C - Nr. 1.0303

Steels with average 0,25% = < C < 0,55% or 500 MPa
=< Rm < 700 MPa

CHEMICAL ANALYSIS

C	Si	Mn	P	S	Cr	Other
from 0,02 to 0,06	0,10 max	from 0,25 to 0,40	0,020 max	0,025 max	-	-
Mo	Ni	B	Cu	Al	Pb	
-	-	-	-	from 0,020 to 0,060	-	

MECHANICAL PROPERTIES

Diameter		As Hot Rolled (+U) or Rolled and peeled (+U +PE)		Annealed (+AC) or Annealed + Peeled (+AC +PE)		Cold Drawn (+U +C)		Cold Drawn and Annealed (+U +C +AC)		Cold Drawn then Annealed and Skin passed (+U +C +AC + LC)		Annealed and Cold Drawn (+AC +C)	
from	to	Rm (Mpa) max	Z (%) min	Rm (Mpa) max	Z (%) min	Rm (Mpa) max	Z (%) min	Rm (Mpa) max	Z (%) min	Rm (Mpa) max	Z (%) min	Rm (Mpa) max	Z (%) min
2	5	-	-	-	-	-	-	320	77	360	73	-	-
5	10	390	70	330	75	470	66	310	77	350	73	410	70
10	40	390	70	330	75	460	66	300	77	350	73	400	70
40	100	390	70	330	75	-	-	-	-	-	-	-	-

In case of specific needs, contact our sales offices to evaluate feasibility and agree on the values of Rm.

EQUIVALENT STEEL GRADES

EUROPE (EN)	GERMANY (DIN, WNr)	FRANCE (AFNOR)	ITALY (UNI)	CHINA (GB)	FINLAND (SFS)	INTERN (ISO)
C4C	QST32-3	XC6FF	CB 4 F U	-	-	-
USA (SAE)	JAPAN (JIS)	UK (BS)	SPAIN (UNE)	SWEDEN (SS)	RUSSIA (GOST)	
-	SWRCH6R	-	-	-	-	

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