

Data Sheet — Ni free

for technical applications

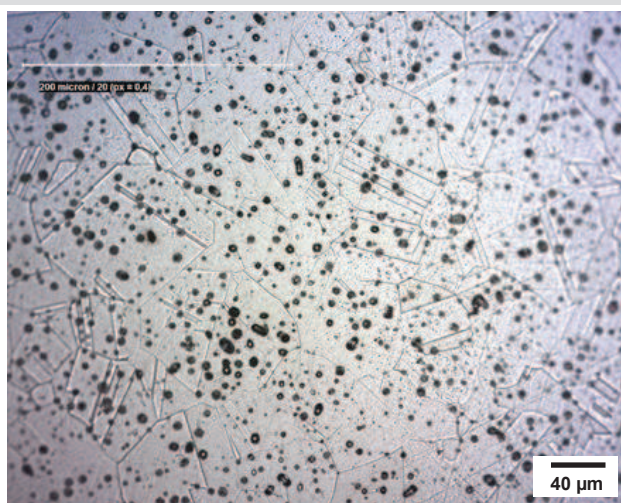
Comparable Standards X15 CrMnMoN 17 11 3

Composition	Fe	Cr	Ni	Mo	Mn	Si	C	N	sonstige
min (wt.%)	-	16.5	-	3.0	10.0	-	-	0.75	-
max (wt.%)	Bal.	17.5	0.1	3.5	12.0	1.0	0.2	0.90	0,2

Typical Properties	Density	Hardness	R _m	R _{p02}	A ₁₀
	g/cm ³	HV10	MPa	MPa	%
as sintered	≥ 7.45	≥ 270	≥ 890	≥ 590	≥ 30

Microstructure

as sintered



Characteristics

Non-magnetic steel with excellent corrosion resistance. The material is an austenitic, Nickel-free stainless steel.

Typical Applications

Applications in the jewelry industry, watch industry, medical industry or the food-industry. Since the steel is Nickel free, it is predestinated for applications with skin contact.

These data presented here are based on our current knowledge and experience, but no liability can be assumed.