

HEAT RESISTANT FERRITIC STEEL

Wr.Nr.	PN	EN	GOST	AISI
1.4713	-	X10CrAl7	15X6C10	H13

CHEMICAL COMPOSITION

Chemical composition (in weight %)

Element	C	Si	Mn	P	S	Cr	Al
min	max.	0.50	max.	max.	max.	6.00	0.50
max	0.12	1.00	1.00	0.04	0.015	8.00	1.00

APPLICATION

Super heater suspensions, bell furnaces, pyrometer sheath tubes.

TREATMENT

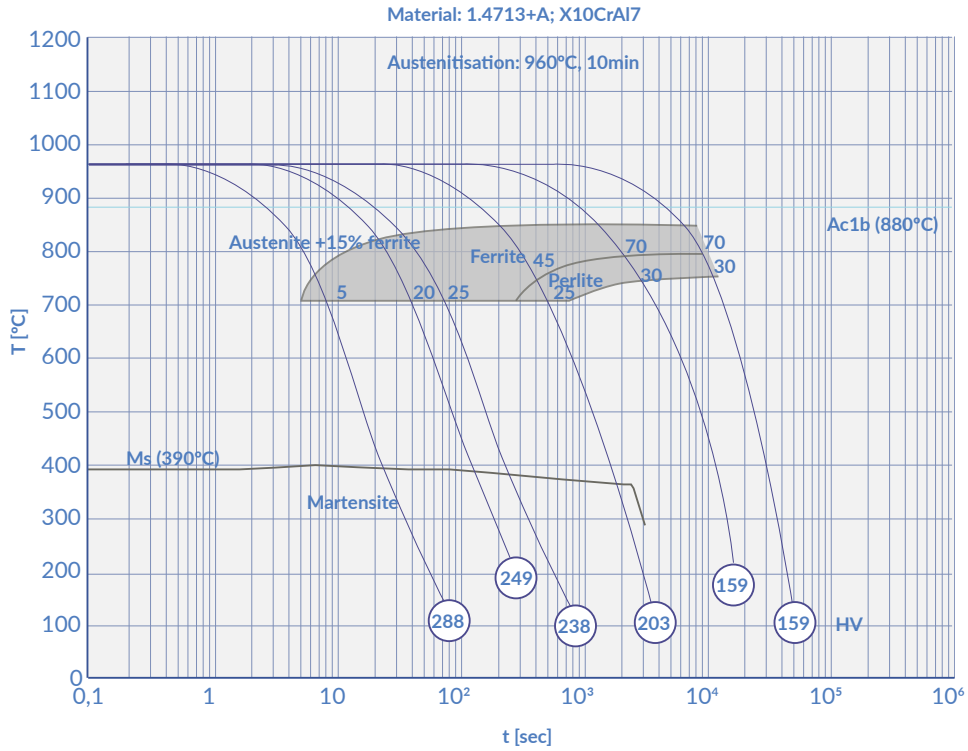
Annealing	780 - 840 °C / water, air
Heat treatment condition	annealed
Microstructure	Ferrite

WELDABILITY

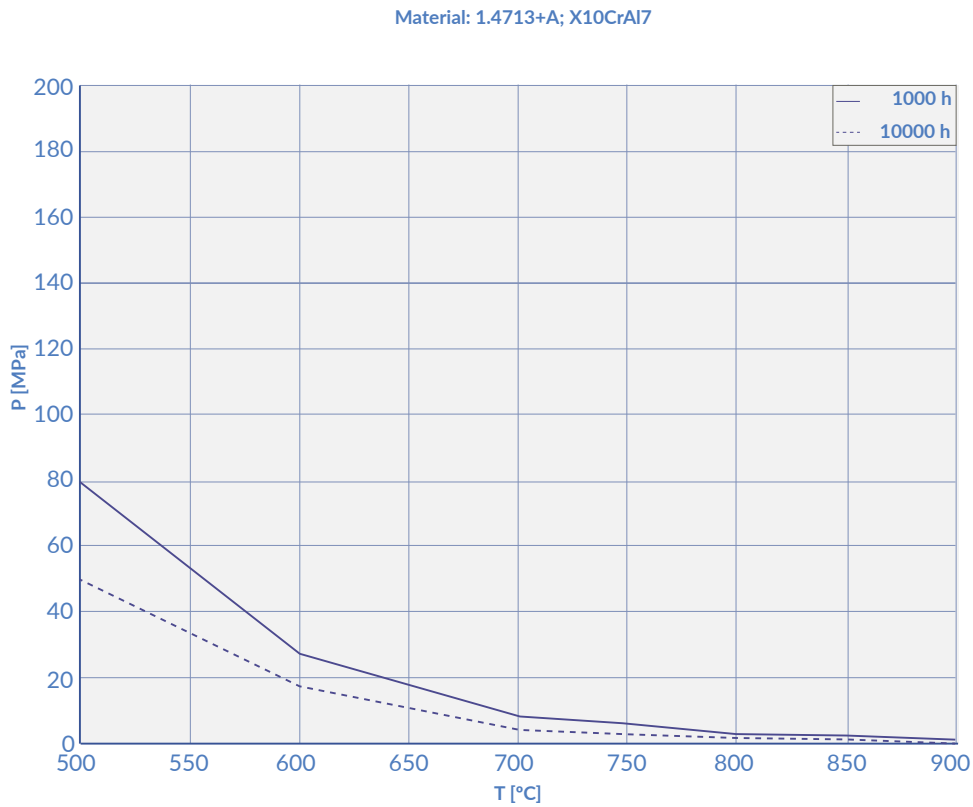
Heating up and electro welding

Suitable welding filler materials: 1.4551; 1.4716; 1.4820; 1.4829; 1.4723. Preheating up to 200 -300 °C is recommended.

CONTINUOUS COOLING TRANSFORMATION (CCT) DIAGRAM



TEMPERING DIAGRAM



NOTE: All technical information is for reference only.