

420M Stainless Steel

Composition: percentage of elements

C	Si	S	P	Mn	Ni	Cr	Mo
0.430	0.620	0.001	0.020	0.510	0.500	13.760	0.270

Tempering Data

Elements %	Forging Temperature Degrees C/F	Annealed Temper Degrees C/F	Air Quenching Degrees C/F	Tempering Degrees C/F
C : 0.43 Cr : 13.76 Mo : 0.27	1150-900 C 2102-1652 F	880-900 C 1616-1652 F	1050 C 1922 F	200 C 392 F
		Rupture Strength 68-78 MPA	58-60 Rockwell	54-56 Rockwell

Recommended Heat Treating Company:

This company has been in business a long time and has been tempering this particular steel for several years with great success. Call for pricing and any other questions.

Progressive Heat Treating

2010 East Main Street
Richmond, VA 23223

Contact: Reinhard Rieder 804-545-0010