

HAYNES[®] 75 alloy

Typical Stress-Rupture Strength

1925°F (1050°C) Anneal

Test Temperature		Approximate Initial Stress to Produce Rupture in:					
		10 h		100 h		1000 h	
°F	°C	ksi	MPa	ksi	MPa	ksi	MPa
1200	650	27.0	185	18.5	130	12.0	83
1300	705	16.0	110	10.2	70	6.8	47
1400	760	9.5	66	6.0	41	3.8	26
1500	815	5.8	40	3.7	26	2.2	15
1600	870	3.6	25	2.0	14	1.2	8.3