

HASTELLOY[®] W alloy

Stress-Rupture Strength

Bar (AMS 5755)

Test Temperature		Approximate Initial Stress to Produce Rupture in:					
		10 h		100 h		1000 h	
°F	°C	ksi	MPa	ksi	MPa	ksi	MPa
1300	705	-	-	34.5	240	27.5	190
1400	760	33.0	230	26.0	180	19.0	130
1500	815	24.8	170	18.0	125	12.4	85
1600	870	17.4	120	12.0	83	8.0	55
1700	925	11.7	81	7.9	54	5.2	36
1800	980	7.9	54	5.2	36	3.2	22