

HAYNES[®] X-750 alloy

Stress-Rupture Data

Sheet (AMS 5598)

Test Temperature		Approximate Initial Stress to Produce Rupture in:					
		10 h		100 h		1000 h	
°F	°C	ksi	MPa	ksi	MPa	ksi	MPa
1100	600	120	825	85	585	71	490
1200	650	80	550	66	455	50	345
1300	705	61	420	45	310	29	200
1400	760	41	285	26	180	15	105
1600	815	24	165	14	97	7.4	51
1700	870	12.5	86	6.6	46	-	-
1800	925	6.5	45	-	-	-	-