

HAYNES[®] X-750 alloy

Tensile Data

Sheet (AMS 5598)

Test Temperature		Yield Strength 0.2% Offset		Ultimate Tensile Strength		Elongation
°F	°C	ksi	MPa	ksi	MPa	%
RT	RT	141.1	975	192.2	1325	23.6
1000	538	124.9	860	162.1	1120	22.2
1200	649	121.1	835	143.6	990	5.8
1400	760	92.0	635	94.3	650	2.5
1600	871	43.1	295	52.1	360	8.0
1800	982	9.1	63	16.6	115	42.0

RT=Room Temperature