

HAYNES[®] 625SQ[®] alloy

Tensile Properties

Sheet (AMS 5879)

Test Temperature		Yield Strength 0.2% Offset		Ultimate Tensile Strength		Elongation
°F	°C	ksi	MPa	ksi	MPa	%
RT	RT	65.5	895	129.9	452	51.7
600	316	51.1	809	117.4	353	64.1
800	427	49.1	776	112.6	339	60.9
1000	538	49.9	776	112.5	344	60.5
1200	649	46.9	787	114.2	323	81.4
1300	704	44.4	646	93.7	306	103.9
1400	760	46.9	497	72.1	323	88.8

RT= Room Temperature