

HAYNES[®] HR-224[®] alloy

Thermal Stability

Room Temperature Properties after Exposure

Exposure Temperature		Time	0.2% Offset Yield Strength		Ultimate Tensile Strength		% Elongation
°F	°C	h	ksi	MPa	ksi	MPa	
As-Annealed	As-Annealed	0	46	318	108	745	50
1200	649	4000	102	703	153	1055	21
		8000	103	709	148	1020	12
		16000	102	703	144	992	10
1400	760	4000	61	420	130	896	25
		8000	58	402	127	879	20
		16000	55	379	123	848	21
1600	871	4000	39	269	104	717	39
		8000	40	276	104	717	40
		16000	38	262	104	717	41
1800	982	4000	44	303	100	690	46
		8000	44	303	93	639	43
		16000	42	290	94	648	50

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