

## Nickel Mechanical Properties

	Tensile psi	Tensile Mpa	Yield psi*	Yield Mpa*	Elongation %	Hardness, HV
Nickel 200	68,000	469	27,000	186	47	171
Monel 400	82,000	565	39,000	269	45	137
Inconel 600	99,000	683	45,000	310	43	160
Inconel 601	92,000	634	40,000	276	56	137
Inconel 625	130,000	896	70,000	483	50	183
Incoloy 800	85,000	586	42,000	290	45	155
Incoloy 800H	80,000	552	35,000	241	45	145
Incoloy 800HT	80,000	552	35,000	241	45	145
Incoloy 803	89,000	614	46,000	317	47	143
Incoloy 825	100,000	690	45,000	310	45	155
INCO C-276	115,000	793	50,000	345	60	188
INCO 020	99,000	683	60,000	414	35	148



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