

Rene 100 Nickel Alloy Composition Spec

Categories: [Metal](#); [Nonferrous Metal](#); [Nickel Alloy](#)

Material Notes: Precipitation Hardening Alloy

Vendors: [Click here to view all available suppliers for this material.](#)

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Component Elements Properties	Metric	English	Comments
Aluminum, Al	5.5 %	5.5 %	
Boron, B	0.015 %	0.015 %	
Carbon, C	0.16 %	0.16 %	
Chromium, Cr	9.5 %	9.5 %	
Cobalt, Co	15 %	15 %	
Iron, Fe	<= 1.0 %	<= 1.0 %	
Molybdenum, Mo	3.0 %	3.0 %	
Nickel, Ni	61 %	61 %	
Titanium, Ti	4.2 %	4.2 %	
Vanadium, V	1.0 %	1.0 %	
Zirconium, Zr	0.060 %	0.060 %	

Some of the values displayed above may have been converted from their original units and/or rounded in order to display the information in a consistent format. Users requiring more precise data for scientific or engineering calculations can click on the property value to see the original value as well as raw conversions to equivalent units. We advise that you only use the original value or one of its raw conversions in your calculations to minimize rounding error. We also ask that you refer to MatWeb's [terms of use](#) regarding this information. [Click here](#) to view all the property values for this datasheet as they were originally entered into MatWeb.