

Alloy 2014

2000 series | Reference sheet | Data checked 14 October 2026

A heat-treatable aluminium rod and bar alloy with published machining reference data. Preserve the supplied condition when comparing typical mechanical properties.

Scope: Selected reference facts; incomplete alloy coverage

This reference sheet is not a material certificate, procurement specification or source of design allowables. Values apply only to their listed form, temper and condition. Confirm current requirements with the supplier and governing standard.

Forms and tempers

Forms: Rod and bar

Tempers in record: T6, T651

Selected physical properties

Density: 2800 kg/m³

Temper: Not specified | Form: Rod and bar | Condition: 20 °C

Basis: typical | Verification: single-source | Source: kaiser2014 | Checked: 2026-10-14

Selected mechanical properties

T6 / T651 | Rod and bar

Tensile strength	Yield / proof strength	Thickness / specimen scope
483 MPa	414 MPa	0.500 inch diameter specimen; material thickness unspecified

Condition: Supplier reference; not a design allowable or certificate.

Basis: typical | Verification: single-source | Source: kaiser2014 | Checked: 2026-10-14

Alloy 2014 / Composition and sources

Selected chemistry

No chemistry values published in this partial record.

Applications and selection guidance

Applications:

Check corrosion protection, machining allowance and the exact manufacturing condition. Similar strength or a historical supplier substitution suggestion does not establish an exact material equivalence.

Source register

kaiser2014 | Kaiser 2014 rod and bar

Revision / access scope: 05/06 | Checked: 2026-10-14

https://online.kaiseraluminum.com/depot/PublicProductInformation/Document/1029/Kaiser_Aluminum_2014_Rod_and_Bar.pdf

Source facts are presented in an original editorial layout. Source publications may change; full source tables and imagery are not reproduced. This partial sheet does not imply interchangeability between alloy designations or certification of any supplied product.