

Alloy 6262

6000 series | Reference sheet | Data checked 14 October 2026

A machining-oriented aluminium extrusion alloy referenced for rod, bar and hexagonal stock. Material composition and the finished use require separate review.

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; Hexagonal bar

Tempers in record: T6, T6511

Selected physical properties

Density: 0.098 lb/in³

Temper: Not specified | Form: Extrusion | Condition: Temperature not specified

Basis: typical | Verification: single-source | Source: hydro6262 | Checked: 2026-10-14

Selected mechanical properties

T6 / T6511 | Extrusion

Tensile strength	Yield / proof strength	Thickness / specimen scope
260 MPa	240 MPa	All thicknesses in cited supplier table

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

Basis: source-minimum | Verification: single-source | Source: hydro6262 | Checked: 2026-10-14

Alloy 6262 / Composition and sources

Selected chemistry

No chemistry values published in this partial record.

Applications and selection guidance

Applications:

The published chemistry includes lead and bismuth additions. Check the specified composition against end-use substance requirements rather than assuming compliance. Weld heat can reduce strength in the heat-treated condition.

Source register

hydro6262 | Hydro 6262 machining extrusion data

Revision / access scope: 2019 document | Checked: 2026-10-14

https://www.hydro.com/globalassets/01-products--services/extruded-profiles/americas/ena-resources/alloy-data-sheets/hydro_2019_data_sheet_6262.pdf

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