

4130 CHROME MOLY BAR

4130 Chrome Moly Alloy Steel is AED Motorsport Products' signature material. We supply 4130 in various forms to customers virtually anywhere in the world!

“Chrome Moly,” an abbreviation for chromium molybdenum, is a general purpose alloy steel that has been widely used by the motorsports industries for many years.

Weldability, fabrication and mild hardenability make it a popular choice in all forms - tube, bar, sheet, and plate.

4130 Chemical Analysis

C	Mn	P (max)	S (max)	Si	Cr	Ni (max)	Mo	Cu (max)
.28/.33	.40/.60	.025	.025	.15/.35	.80/1.10	.25	.15/.25	.35

MOTORSPORT PRODUCTS

4130 BAR

AED stocks 4130 bars in a several sizes and shapes, but round bars tend to be the most commonly available. Flat, square and hex bars may be available at different times. 4130 bars are produced in “random lengths” that can range between 11 to 13 feet long. The best pricing is always when you order full lengths, which can be cut for economical shipping methods. AED also offers “cut-to-size” pieces.

Nearly all of our 4130 bars are produced as “Cold Finished Normalized,” which is also known as “Condition D4”. 4130 bars generally meet several AMS specifications, but the most common are AMS-S-6758 and AMS-S-6348, but several others may also apply.

4130 Bar Typical Mechanical Properties:

Condition F (hardened and tempered) *

Tensile Strength (psi)	125,000 min
Yield Strength (psi)	100,000 min
Elongation (% in 2")	17 min
Reduction of Area (%)	55 min

* Most of our 4130 bars are supplied as “Condition D” (Normalized), but most available technical data tends to be provided in “Condition F (Quenched & Tempered).



PRODUCT DETAILS



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Note: "Typical Mechanical Properties" have been compiled from a variety of sources. Information is deemed reliable, but it is not guaranteed. This data is provided for information only, **NOT FOR DESIGN PURPOSES.**



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