

4130 CHROME MOLY SHEET & PLATE

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 SHEET AND 4130 PLATE

4130 sheets and plate are commonly produced in 36" x 72" dimensions. The best pricing is always when you order full sheets, which can be cut for economical shipping methods. AED also offers “cut-to-size” pieces.

4130 sheet and plate are available in both Normalized Condition, which is harder and stronger, and Annealed Condition, which is softer and formable.

4130 Normalized meets the aerospace specification AMS 6345, and 4130 Annealed meets AMS 6350.

In the past, many people used MIL-S-18729 as the common specification, but it did not differentiate between Normalized or Annealed conditions. MIL-S-18729 was cancelled in 1997, superseded by AMS 6345 and AMS 6350.

4130 Sheet and Plate Typical Mechanical Properties:

	<u>Annealed</u>	<u>Normalized up to .062" - .187"</u>	<u>Normalized over .187" - 1.50"</u>
Tensile Strength (psi)	85,000 max	95,000 min	90,000 min
Yield Strength (psi)	-	75,000	70,000
Elongation (% in 2")	-	8 - 12	15 - 18

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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.**

