

ACIER ALLIÉ 4130 TÔLES ET BARRES

Le 4130 est un acier faiblement allié à durcissement à cœur, contenant du molybdène et du chrome comme agents de renforcement. Le 4130 (AMS 6350, AMS 6345) répond bien à la nitruration pour une très bonne résistance à l'usure et à l'abrasion.

Specific Gravity							
7.8 g/cm3							
Typical Applications				Related Specifications			
Aircraft seating Roll Cages Motorsport applications				AMS 6350 AMS 6345 UNS G41300			
Chemical Composition (Wt %)							
	C	Mn	P	S	Si	Cr	Mo
Min	0.28	0.40	–	–	0.15	0.80	0.15
Max	0.33	0.60	0.025	0.025	0.35	1.10	0.25
Typical Mechanical Properties							
	0.2% Proof Stress	Tensile Strength	Elongation				
	MPA	MPA	%				
Annealed		586					
Normalised							
Up to 0.062"	517	655	8				
0.062" – 0.125"	517	655	10				
0.125" – 0.187"	517	655	12				
0.187" – 0.249"	482	620	15				

0.249" – 0.749"	482	620	16
0.749" – 1.5"	482	620	18

* Every effort has been made to ensure that our technical specifications are accurate. However, technical specifications included within Dynamic Metals Ltd should be used as a guideline only and are subject to change without notice.

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