Tole 0.5mm Anticorodal

Was in the SCEM at CERN

44.02.30.A - SHEETS - EN AW-6082 (ANTICORODAL 110) (DIN Al Mg Si1)

<https://edh.cern.ch/edhcat/Browser?command=showPage&argument=14496&top=14496&objid=%24%24EDH71kg0km06&showAdvanced=&scem=&keywords>=

STATE : T6 (hardened, annealed)

CHEMICAL COMPOSITION :

Cu = 0.1% Zn = 0.2%

Si = 0.7 - 1.3% Fe = 0.5%

Mn = 0.4 - 1% Ti = 0.1%

Mg = 0.6 - 1.2% Cr = 0.25%

CHARACTERISTICS

thickness mm S<=6 = >260 N/mm2

 6 à 12 = >255 N/mm2

 >12 = >240 N/mm2

Elongation at break A5 8 - 10%

Brinell hardness min. 90 BH

Density 2.7

Traction resistance Rm

thickness mm S<=6 = min. 310 N/mm2

 6 à 12,5 = min. 300 N/mm2

 12,5 to 100 = min. 295 N/mm2

 >100 = min. 275 N/mm2

Suppliers

Suisse

France

<https://lemetal.fr/148-tole-plane-aluminium>

<http://www.europages.fr/entreprises/France/t%C3%B4les%20aluminium.html>

<http://fr.kompass.com/a/toles-en-aluminium/2537017/>

<https://lemetal.fr/>

<http://www.almet-metal.com/>