

S1100QL

High Strength Steel | EN: S1100QL

The highest yield strength structural plate in commercial supply, used where every kilogram of structural weight carries a payload penalty.

Available Forms & Sizes

Form	Size Range
Plates	5 - 40 mm thk

Chemical Composition (%)

Element	Min	Max
C	-	0.21
Mn	-	1.70
Ni	-	2.50

Mechanical Properties

Property	Value	Unit
Yield Strength	1100 min	MPa
Tensile Strength	1200 - 1500	MPa
Elongation	8 min	%

Physical Properties

Property	Value	Unit
Density	7.85	g/cm3

Standards

EN 10025-6

Equivalent Grades

Strenx 1100, Weldom 1100

Typical Applications

- Ultra light crane structures
- Specialist military vehicle structures

Industries Served



AXICOR DWC LLC

Technical Data Sheet

Lifting & Cranes, Defence