

ASTM-SAE A572Gr50 Fine-grain structural steels, normalised rolled steel

ASTM-SAE A572Gr50 steel plate/sheet, ASTM-SAE A572Gr50 steel plate/sheet, under ASTM standard, we can regard A572Gr50 Fine-grain structural steels, normalised rolled steel. ASTM-SAE A572Gr50 steel plate/sheet is for Fine-grain structural steels, normalised rolled steel. The followings are the chemical composition and the mechanical properties of ASTM-SAE A572Gr50 steel.

A572Gr50 ASTM-SAE MATERIAL# 1.0562	Comparison of steel grades	
	UNI7382	FeE355KG
	EN 10028-3	P355N
	UNE36081	AE355KG
	DIN 1614/2	A572Gr50

Chemical analysis -% by mass*

Grades	C	Si	Mn	Ni
	max	max	max	max
A572Gr50	0.09	0.5	1.05	0.9

[Mechanical properties](#)

Thickness	Yield Strength ReH[N/mm2] transv.min	Tensile Strength Rm[N/mm2]transv	Fracture Elongation[%] transv. min.	Notch Impact Energy1)Ch Vcomplete samplelongitud. min [J]
t >16mm	470	560	24	-