

[DIN 17102 E St E 460 steel plate/sheet](#) for High Yield Steel

Key words: [E STE 460 steel plate/sheet](#), DIN 17102 E STE 460 steel plate/sheet, E STE 460 steel plate/sheet supplier/Chinese supplier, E STE 460 steel plate/sheet price, E STE 460 steel plate/sheet mechanical property.

[DIN 17102 E STE 460 steel chemical composition](#) %:

Main chemical composition in DIN 17102 E STE 460 steel is carbon max 0.20, silicon max 0.60, manganese max 1.70, phosphorus max 0.020, Sulphur max 0.010. More detailed information about E STE 460 steel, please refer to the down table:

Element	E St E 460	Element	E St E 460
Carbon max.	0.20	Silicon max.	0.60
Manganese	1.10 to 1.70	Phosphorous max.	0.020
Sulphur max.	0.010	Chromium min.	0.30
Molybdenum max.	0.10	Nickel max.	0.80
Niobium max.	0.05	Titanium max.	0.03
Vanadium max.	0.20	Nitrogen max.	0.025
Aluminium max.	0.020	Copper max.	0.70

[DIN 17102 E STE 460 steel](#) mechanical property:

E St E 460 steel plate is one of the mainly High Yield steel, Steel sheet E St E 460 Boiler steel plates P460NI1 tensile strength is at 570_720 Mpa for thickness belows 60mm,even maximum 730 Mpa is OK for the product thicknesses up to 16 millimeters.

Grade	Type	Thickness (mm)	Yield Strength MPa (min)	Tensile Strength MPa	Elongation % (min)
E St E 460	Normalized	≤ 16	460	570 to 750	17
		16> to ≤40	445	570 to 720	17
		40> to ≤60	430	570 to 720	17
		60> to ≤100	400	540 to 710	17
		100> to ≤150	—	—	17

ICE steel is the professional Chinese steel exporter, especially in fin-grain structural steel. We keep 10000 tons ex-stock in our warehouse, and the MTC and sample of DIN 17102 E STE 460 steel are available, so if need, welcome to contact ICE steel sales team.

Ice steel — The most professional exporter on weathering resistant steel

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