

DIN17102 ESTE 315 steel plate/sheet for Weldable normalized fine grained pressure vessel steels

E ST E 315 steel plate/sheet, ESTE 315 steel plate/sheet, under DIN17102 standard, we can regard ESTE 315 steel plate/sheet for simple pressure vessels steel.

E ST E 315 is a boiler and pressure vessel quality steel which is ideal for moderate and lower temperature service. The material is used extensively by industrial boiler and pressure vessel fabricators who provide manufacturing support to the oil, gas and petrochemical industry. The steel has good weldability and excellent notch toughness.

If you are looking for Chinese E ST E 315 steel supplier, if you want to know E ST E 315 steel price, please be free to contact us.

Chemical Composition of DIN17102 ESTE315

Carbon(C)	%	Manganese(Mn)	%	Phosphorus(P)	%
12.55mm or less	0.21	12.5mm or less		(max)	0.035
12.5-50mm	0.23	Heat Analysis	0.6-0.9		
50-100mm	0.25	Product Analysis	0.55-0.98		
100-200mm	0.27	Over 12.5mm			
>200mm	0.27	Heat Analysis	0.85-1.20		
		Product Analysis	0.79-1.30		
Sulphur(S)	%	Silicon(Si)	%		
(max)	0.035	Heat Analysis	0.15-0.40		
		Product Analysis	0.13-0.45		

Mechanical Properties of DIN17102 ESTE 315

Description	Grade60
Tensile Strength(Ksi)	60-80
Tensile Strength(MPa)	415-550
Yield Strength(Ksi)	32
Elongation in 200mm(min.%)	220
Elongation in 50mm(min.%)	21
Thickness(max/min)	25
	205

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Tel:0086-371-86151527

E-mail:bb@bebonchina.com

Fax: 0086-371-86011881

MSN:bebonchina@hotmail.com

Skype: bebonchina

Web:http://www.shipbuilding-steel.com

Oficina Dir: 2801 B# International enterprise center Zhengzhou city in China.