



EN 10025 FE 590-2 steel plate/sheet for general Construction steels

EN 10025 FE 590-2 steel plate/sheet, EN 10025 FE 590-2 steel plate/sheet, under EN standard, we can regard FE 590-2 steel plate/sheet for general Construction steels. EN 10025 FE 590-2 steel plate/sheet is for general Construction steels. The followings are the chemical composition and the mechanical properties of EN FE 590-2 steel. FE590-2 steel is according to EN 10025 standard and it is equivalent to DIN17100:St60-2,NFA:A60-2 and UNI7070:Fe590 steel grades.

FE 590-2 EN 10025	Comparison of steel grades	
	EN 10025:1990	FE 590-2
	DIN17100	ST60-2
	NFA 35-501	A60-2
	BS1449	-
	UNI7070	FE 590

Chemical analysis -% by mass of FE 590-2 steel

Chemical elements	C _≤ 16mm max	C>16mm max	Si max	Mn max	P max.	S max.	N max
FE 590-2	-	-	-	-	0.045	0.045	0.012

Mechanical properties of FE 590-2 steel

thickness	Yield Strength ReH [N/mm ²] transv.min.	Tensile Strength Rm [N/mm ²] transv.	Fracture Elongation[%]transv. min.	Notch Impact Energy1)Ch Vcomplete samplelongitud. min [J]
t ≤ 16mm	335			
t > 16mm	325			
t < 3mm		590-770		
t ≥ 3mm		570-710		
Up to 1.5mm			7	-
1.51-2.00mm			8	-
2.01-2.50mm			9	
2.51-2.99mm			10	
≥ 3mm			14	

Bebon steel — The most professional exporter on shipbuilding steel

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.