

UNI 7070 FE 490 steel plate/sheet for general Construction steels

UNI 7070 FE 490 steel plate/sheet, UNI 7070 FE 490 steel plate/sheet, under EN standard, we can regard FE 490 steel plate/sheet for general Construction steels. UNI 7070 FE 490 steel plate/sheet is for general Construction steels. The followings are the chemical composition and the mechanical properties of EN FE 490 steel.

FE 490 UNI 7070-2 Number: 1.0050	Comparison of steel grades	
	UNI 7070 :1990	FE 490
	DIN17100	ST50-2
	NFA 35-501	A50-2
	BS1449	-
	UNI7070	FE 490

Chemical analysis -% by mass* of FE 490 steel

Chemical elements	C _≤ 16mm max	C>16mm max	Si max	Mn max	P max.	S max.	N max
%,by mass	-	-	-	-	0.045	0.045	0.012

Mechanical properties of FE 490 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	295			
t > 16mm	285			
t < 3mm		490-600		
t ≥ 3mm		470-610		
Up to 1.5mm			11	-
1.51-2.00mm			12	-
2.01-2.50mm			13	
2.51-2.99mm			14	
≥ 3mm			18	

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.