



EN10025 Fe 690-2 steel plate/sheet for general Construction steels

EN10025 Fe 690-2 steel plate/sheet,EN10025 Fe 690-2 steel plate/sheet, under EN standard, we can regard Fe 690-2 steel plate/sheet for general Construction steels.EN10025 Fe 690-2 steel plate/sheet is for general Construction steels. The followings are the chemical composition and the mechanical properties of EN Fe 690-2 steel. Fe 690-2 steel is according to EN10025 standard and it is equivalent to EN:Fe690-2,DIN17100:St70-2,NFA: A70-2 and EN10025:E360 steel grades.

Fe 690-2 EN 10025-2 Number: 1.0070	Comparison of steel grades	
	EN10025:1990	FE 690-2
	DIN17100	ST70-2
	NFA 35-501	A70-2
	BS1449	-
	UNI7070	FE 690

Chemical analysis -% by mass of Fe 690-2 steel

Chemical elements	C _≤ 16mm max	C>16mm max	Si max	Mn max	P max.	S max.	N max
Fe 690-2	-	-	-	-	0.045	0.045	0.012

Mechanical properties of Fe 690-2 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	360			
t > 16mm	355			
t < 3mm		690-900		
t ≥ 3mm		670-830		
Up to 1.5mm			4	-
1.51-2.00mm			5	-
2.01-2.50mm			6	
2.51-2.99mm			7	
≥ 3mm			10	

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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.