

MNC 850 E SIS 16,55,00 steel plate/sheet for general Construction steels

MNC 850 E SIS 16,55,00 steel plate/sheet, MNC 850 E SIS 16,55,00 steel plate/sheet, under EN standard, we can regard SIS 16,55,00 steel plate/sheet for general Construction steels. MNC 850 E SIS 16,55,00 steel plate/sheet is for general Construction steels. The followings are the chemical composition and the mechanical properties of EN SIS 16,55,00 steel. SIS 16,55,00 steel is according to MNC 850 E standard and it is equivalent to EN: Fe690-2, DIN17100:St70-2, NFA: A70-2 and MNC 850 E: E360 steel grades.

SIS 16,55,00 MNC 850 E	Comparison of steel grades	
	MNC 850 E:1990	SIS 16,55,00
	DIN17100	ST70-2
	NFA 35-501	A70-2
	BS1449	-
	UNI7070	FE 690

Chemical analysis -% by mass of SIS 16,55,00 steel

Chemical elements	C _≤ 16mm max	C>16mm max	Si max	Mn max	P max.	S max.	N max
SIS 16,55,00	-	-	-	-	0.045	0.045	0.012

Mechanical properties of SIS 16,55,00 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 t > 16mm	360 355			
t < 3mm t ≥ 3mm		690-900 670-830		
Up to 1.5mm 1.51-2.00mm 2.01-2.50mm 2.51-2.99mm ≥ 3mm			4 5 6 7 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.