

MNC 850 E SIS 15,50,00 steel plate/sheet for general Construction steels

MNC 850 E SIS 15,50,00 steel plate/sheet, MNC 850 E SIS 15,50,00 steel plate/sheet, under EN standard, we can regard SIS 15,50,00 steel plate/sheet for general Construction steels. MNC 850 E SIS 15,50,00 steel plate/sheet is for general Construction steels. The followings are the chemical composition and the mechanical properties of EN SIS 15,50,00 steel.

SIS 15,50,00 MNC 850 E-2 Number: 1.0050	Comparison of steel grades	
	MNC 850 E :1990	SIS 15,50,00
	DIN17100	ST50-2
	NFA 35-501	A50-2
	BS1449	-
UNI7070	FE 490	

Chemical analysis -% by mass* of SIS 15,50,00 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 SIS 15,50,00 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	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	

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