

EN10025 E295 steel plate/sheet,EN10025 E295 steel plate/sheet, under EN standard, we can regard E295 steel plate/sheet for general Construction steels.**EN10025 E295 steel plate/sheet** is for general Construction steels.The followings are the chemical composition and the mechanical properties of **EN E295 steel**.

Comparison of steel grades

	EN10025:1990	FE 490-2
E295	DIN17100	ST50-2
DIN EN 10025-2Number: 1.0050	NFA 35-501	A50-2
	BS1449	-
	UNI7070	FE 490

E295 steel plate Chemical analysis -% by mass*

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

E295 steel sheet Mechanical properties

thickness	<u>Yield</u>	TensileStrengthRm	Fracture	Notch Impact
	<u>StrengthReH</u> [N/mm ²]	[N/mm ²]transv.	Elongation[%]transv . min.	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	
1.51-2.00m			12	-
m			13	-
2.01-2.50m			14	
m			18	
2.51-2.99m				
m				
≥ 3mm				

BEBON international — We are specialized in hot rolled steel plate/coil.

Tel:0086-371-86151827 86151627

E-mail:BB@Bebonchina.com

Fax: 0086-371-86011881

Web:<http://www.bebonchina.com>

Oficina Dir: 2801 B# International enterise center Zhengzhou city in China.