

EN10028 16Mo3 steel plate/sheet for boiler steels

Key words :

16Mo3 steel plate/sheet, EN10028 16Mo3 steel plate/sheet, EN10028 16Mo3 steel plate/sheet for boiler steel, 16Mo3 carbon steel used for boiler, EN10028 steel plate for boiler using, 16Mo3 steel supplier/Chinese supplier, 16Mo3 steel price...

Equivalent grade :

[16Mo3 steel plate/sheet](#) is in EN10028-2 standard. It's grade Number is 1.5415. The equal material of 16Mo3 is: DIN 17155 15Mo3, NFA 36-205 15 D3, UNI 5869 15Mo3, BS 1501 1503 - 243 B, UNE 36087 16Mo3, ASTM A 204 Gr. B.

16Mo3 EN 10028-2 Number:1.5415	DIN 17155	15 Mo 3
	NFA 36-205	15 D3
	UNI 5869	15 Mo 3
	BS 1501	1503 - 243 B
	UNE 36087	16 Mo 3
	ASTM	A 204 Gr. B

EN10028-2 16Mo3 steel Chemical Composition % :

Main chemical composition in EN10028-2 16Mo3 steel : Carbon: from 0.12 to 0.2 , Manganese from 0.40 to 0.90, Sulphur max 0.01, Phosphorus max 0.025, Silicon max 0.35, Molybdenum from 0.25 to 0.35, Chromium max 0.30. More detailed information, please refer to the flowing table:

Grade	C. max	Mn.	S.	N	Cu	Si.	P.	Cr.	Ni.	Mo.
16Mo3	0.12-0.2	0.40-0.90	0.01	0.012	0.30	0.35	0.025	0.30	0.30	0.25-0.35

EN10028-2 16Mo3 steel Mechanical Properties

16Mo3 this material is mainly used to fabricate boiler and pressure vessel. So ,same the other boiler and pressure vessel using steel plate, this kind of steel has the good grain and Mechanical properties. It's yield strength is between 220-275 MPa (there is different min strength point at the different thickness.) 16Mo3 tensile strength is from 440MPa to 590MPa. (different min strength point at the different thickness.) More detailed information about EN10028-2 16Mo3 steel Mechanical Properties , please refer to the following table:

Grade	Tensile Strength (Mpa)	Yield Strength (Mpa)	Elongation in 100-150 mm(%)	Elongation in 16 mm(%)	Max Thickness (mm)
16Mo3	440-590	220-275	19	24	250

Ice steel — The most professional exporter on weathering resistant steel

Tel:0086-10-56218820

E-mail: steel@ice-steels.com

Fax: 0086-10-56218821

Web:http://www.ice-steels.com

Oficina Dir: ROOM 3007 1# SOHO MODERN CITY, 88 NO. JIAN GUO ROAD BEI JING OF CHINA