

DIN 17155 17Mn4 steel plate/sheet for gas cylinders and gas vessels

17Mn4 steel plate/sheet, DIN 17155 17Mn4 steel plate/sheet, under DIN 17155 standard, we can regard 17Mn4 steel plate/sheet for gas cylinders and gas vessels.

17Mn4 steel plate/sheet is one mainly of Steel for gas cylinders and gas vessels. DIN 17155 17Mn4 steel is equal to EN P310NB, NFA BS3, UNI FeE31KR, BS TypeC and UNE AE345KR.

17 Mn 4 DIN17155 Materialno.1.0437	Comparison of steel grades	
	EN10120	P310NB
	NFA36-211	BS3
	UNI7355	FeE31KR
	BS5045	Type C
	UNE36129	AE 345 KR

Chemical analysis -% by mass*

Grades	C max	Si max	Mn. max	P max	S max	N max	AL min	Nb max	Ti max	V max
17Mn4	0.2	0.5	0.7	0.025	0.015	0.009	0.02	0.05	0.03	-

Mechanical properties

Grades	Yield Strength ReH[N/mm2] transv.min.	Tensile Strength Rm[N/mm2]trans v.	Fracture Elongation [%]transv. min.	
			thicknes s	Total elongatio n A1
17Mn4	310	460 - 550	< 3 mm	≥ 21%
			≥ 3 mm	≥ 28%

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