

SA 516 Gr. 60 acc. to ASME/ A 516 Gr. 60 acc. to ASTM
SA 516 Gr. 70 acc. to ASME/ A 516 Gr. 70 acc. to ASTM

We keep the following steel grade in stock:

SA 516 Gr. 60 acc. to ASME/ A 516 Gr. 60 acc. to ASTM
SA 516 Gr. 70 acc. to ASME/ A 516 Gr. 70 acc. to ASTM

This steel grade is produced for pressure vessels with low and middle working temperature.

We deliver these plates with certificate 3.1 acc. to DIN EN 10 204.

Chemical composition (heat analysis %)

Grade	C max.			Si	Mn		P,S max.
	≤ 12,5	> 12,5 ≤ 50,0	> 50,0 ≤ 100,0		≤ 12,5	> 12,5	
A 516 Gr. 60	0,21	0,23	0,25	0,15 - 0,40	0,60 - 0,90	0,85 - 1,20	0,035
A 516 Gr. 70	0,27	0,28	0,30	0,15 - 0,40	0,85 - 1,20	0,85 - 1,20	0,035

Mechanical properties in delivery conditon

Tensile testing on transverse specimens at room temperature

Grade	R _m (MPa)	R _{p0,2} bzw. R _{t0,5} (MPa) min.	A in % min. l ₀ = 50 mm
A 516 Gr. 60	415 - 550	220	25 %
A 516 Gr. 70	485 - 620	260	21 %

The test temperature for the impact test is at -50° C.

Thickness/ dimensions

Thickness: 3 - 200 mm/ dimensions up to 4.000 mm

You get these plates with our special Ancofer-Service! Please contact our sales department-heavy plates.

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..... Ancofer is certificated in
conformity to DIN EN ISO 9001:2008