

SA516 GR. 60/70 ACC. TO ASME/ A516 GR. 60/70 ACC. TO ASTM

We keep the following steel grade in stock:

SA516 Gr. 60/70 acc. to ASME / A516 Gr. 60/70 acc. to ASTM

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

Delivery with certificate 3.1 acc. to DIN EN 10204.

The plates are additional tested with S5 (impact test at $-50\text{ }^{\circ}\text{C}$)

Chemical composition (heat analysis %)

Grade	C max.				Si	Mn		P, S max.
	$\leq 12,5$	$> 12,5$ $\leq 50,0$	$> 50,0$ $\leq 100,0$	$> 100,0$		$\leq 12,5$	$> 12,5$	
Thickness mm	$\leq 12,5$	$> 12,5$ $\leq 50,0$	$> 50,0$ $\leq 100,0$	$> 100,0$		$\leq 12,5$	$> 12,5$	
SA516 Gr. 60	0,21	0,23	0,25	0,27	0,15 – 0,40	0,60 – 0,90	0,85 – 1,20	0,035
SA516 Gr. 70	0,27	0,28	0,30	0,31	0,15 – 0,40	0,85 – 1,20	0,85 – 1,20	0,035

Mechanical properties in delivery condition

Tensile testing on transverse specimens at room temperature

Grade	R_m (MPa)	$R_{p0,2}$ bzw. $R_{t0,5}$ (MPa) min.	A in % min. $l_0 = 50\text{ mm}$
SA516 Gr. 60	415 - 550	220	25
SA516 Gr. 70	485 - 620	260	21

Thickness/dimensions

Thickness: 5 - 250 mm/ dimensions: up to 4,000 mm. You get these plates with our special ANCOFER-Service. Please contact our sales department heavy plates.

ANCOFER is certificated in conformity to DIN EN ISO 9001:2015, to DIN EN 1090 and to DIN EN ISO 50001:2011

