



ASTM A516 GRADE 70 steel work/steel structure/steel machining parts

Katalor Enterprises have large quantities of ASTM A516 GRADE 70 steel plate in stock, which can be made into steel work/steel structure/steel machining parts, such as air storage tank, reaction still, flange, waste gas cleaning tower, separator, chemical tower, heat exchanger, storage tank, etc.

The chemical composition of ASTM A516 GRADE 70

Grade	C % max					Mn % max				P % max	S % max	Si %	
	≤1/2in.	> 1/2-2in.	> 2-4in.	> 4-8in.	> 8in.	≤1/2in.		> 1/2in.				Heat analysis	Product analysis
						Heat analysis	Product analysis	Heat analysis	Product analysis				
A516 GRADE 70(485)	0.27	0.28	0.30	0.31	0.31	0.85-1.20	0.79-1.30	0.85-1.20	0.79-1.30	0.025	0.025	0.15-0.40	0.13-0.45

The mechanical property of ASTM A516 GRADE 70 steel plate

Grade	Tensile strength	Yield strength min	Elongation % min
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	ksi	Mpa	ksi	Mpa	In 8 in.	In 2 in.
A516 GRADE 70(485)	70-90	485-620	38	260	17	21

ASTM A516 GRADE 70 is killed steel, when thickness is 40mm or less, the steel plate will deliver in as rolled condition. If customer ask for normalizing, stress relief, or both normalizing and stress relief, it is acceptable. When the thickness of steel plate large than 40mm, normalizing is necessary.

We have kinds of processing machine to fulfill customer's different needs, such as CNC floor-type sharp boring machine, CNC gantry milling, cross submerged arc welding machine, On roller universal three roller plate bending machine, Grinding ring machine, flame cutting machine, 5000 tons pressing machine, 1000 tons of four-column hydraulic machine, 5 m x 10 m large heat treatment furnace, and so on. We can produce oil & gas storage, reaction container, and do x-ray inspection and heat treatment for them.

Katalor Enterprises have big fabrication plant in Shanghai. We can do weld, cutting, milling, drilling, we can produce as customer drawing, please send us your inquiry if you have demands.



Shanghai Katalor Enterprises

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Shanghai Katalor Enterprises Co., Ltd located in shanghai of china, is specialized in manufacturing and exporting steel and casting product. Based on the domestic rich product resources and professional research on international market, Katalor's service has already spread many countries in Europe , America, Southeast Asia, Middle East, South America, Africa, and so on.

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