



## ASTM A387 GRADE 2 steel work/steel structure/steel machining parts

ASTM A387 GRADE 2 is a kind of Chromium-Molybdenum alloy steel plate, intended for welded boiler and pressure vessels which designed for elevated temperature service. Katalor Enterprises has 50,000 square meter processing plant in Shanghai, and can offer different kind of ASTM A387 GRADE 2 steel work/steel structure/steel machining parts.

ASTM A387 GRADE 2 steel plate has two class according its tensile strength level, ASTM A387 Grade 2 Class 1 and ASTM A387 Grade 2 Class 2.

The chemical composition of ASTM A387 Grade 2 Class 1 and ASTM A387 Grade 2 Class 2

GRADE	C	Mn	P max	S max	Si	Cr	Mo
A387 GRADE 2	0.05- 0.21	0.55- 0.80	0.03 5	0.03 5	0.15- 0.40	0.50- 0.80	0.45- 0.60

The mechanical property of ASTM A387 Grade 2 Class 1

Grade	Tensile strength		Yield strength min		Elongation % min	
	ksi	Mpa	ksi	Mpa	In 8 in.	In 2 in.

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Grade 2 Class 1	55-80	380-550	33	230	18	22
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The mechanical property of ASTM A387 Grade 2 Class 2

Grade	Tensile strength		Yield strength min		Elongation % min	
	ksi	Mpa	ksi	Mpa	In 8 in.	In 2 in.
Grade 2 Class 2	70-90	485-620	45	310	18	22

General requirement: ASTM A20/A20M.

Heat treatment: Annealing, normalizing and tempering, accelerated cooled and tempered.

Katalor enterprises has automatic arc-submerging welder, flame cutting machine, 5000 tons pressing machine, and different kind of processing machine, which can help us finish welding and bending work.

Our main product include reaction still, flange, waste gas cleaning tower, separator, chemical tower, heat exchanger, storage tank, etc.

Katalor enterprises is the A level agent of Baosteel and Jigang, we also has good relationship with most steel factories in China. We can help book ASTM A387 GRADE 2 steel plate from factory in competitive price. We also offer steel processing such as bending, beveling, drilling, milling, if you need ASTM A387 Grade 2 Class 1

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and ASTM A387 Grade 2 Class 2 steelwork, steel structure, steel machining parts, please contact us.



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

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