



ASTM A387 GRADE 5 steel work/steel structure/steel machining parts

ASTM A387 GRADE 5 is a kind of Chromium-Molybdenum alloy steel plate, it can be used to process steel work, steel structure and steel machining parts, with hundreds ton of ASTM A387 GR5 steel plate in stock, we can produce steel product as customer drawing.

ASTM A387 GRADE 5 steel plate has two class according its tensile strength level, ASTM A387 Grade 5 Class 1 and ASTM A387 Grade 5 Class 2.

The chemical composition of ASTM A387 Grade 5 Class 1 and ASTM A387 Grade 5 Class 2

| GRADE | C | Mn | P max | S max | Si | Cr | Mo |
|--------------|-------|-----------|----------|----------|-------|-----------|-----------|
| A387 GRADE 5 | ≤0.15 | 0.30-0.60 | 0.035 | 0.03 | ≤0.50 | 4.00-6.00 | 0.45-0.65 |

The mechanical property of ASTM A387 Grade 5 Class 1

| Grade | Tensile strength | | Yield strength min | | Elongation % min | |
|--------------------|------------------|---------|-----------------------|-----|------------------|----------|
| | ksi | Mpa | ksi | Mpa | In 8 in. | In 2 in. |
| Grade 5 Class 1 | 60-85 | 415-585 | 30 | 205 | ... | 18 |

Office Address: Room 301, Unit 6, lane 2500, xiupu Road, Kangqiao Industrial Area, Pudong New District, Shanghai



The mechanical property of ASTM A387 Grade 5 Class 2

| Grade | Tensile strength | | Yield strength min | | Elongation % min | |
|--------------------|------------------|---------|-----------------------|-----|------------------|----------|
| | ksi | Mpa | ksi | Mpa | In 8 in. | In 2 in. |
| Grade 5 Class 2 | 75- 100 | 515-690 | 45 | 310 | ... | 18 |

General requirement: ASTM A20/A20M.

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

We can do welding, drilling, cutting, bending, heat treatment in our fabrication plant, and we have X-ray inspection machine, which can be used to inspect the flaw in gasholder, tank, heat exchanger, make sure safety of the product.

Katalor enterprises is the A level agent of Baosteel and Jigang, if you need ASTM A387 Grade 5 Class 1 and ASTM A387 Grade 5 Class 2 steelwork, steel structure, steel machining parts, please send us your inquiry.

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



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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