



Jiangyou Hacer Technology Co., Ltd.

Steel Grade: ASTM A588 Gr.F | UNS K11541

CHEMICAL COMPOSITION

| C (%) | Si (%) | Mn (%) | P (%) | S (%) | Cu (%) | V (%) | Other (%) |
|-----------|--------|-----------|-------|-------|-----------|-----------|--------------------------|
| 0.10~0.20 | 0.3 | 0.50~1.00 | 0.04 | 0.05 | 0.30~1.00 | 0.01~0.10 | 30; Ni0.40~1.10; Mo0.10~ |

MECHANICAL PROPERTIES

| Thickness/mm | Tensile Strength σ_b /MPa | Yield Strength $\sigma_s \geq$ /MPa | Expensibility δ ③ (%) | Cold-bend Test(180°C/L)① | Cold-bend Test(180°C/T) ① |
|--------------|------------------------------------|---------------------------------------|--------------------------------|--------------------------|---------------------------|
| 100 | 485 | 21 | ② | 345 | — |
| 100~125 | 460 | 21 | ② | 315 | — |

Remark:

- ①, The d which is flexural Center Dia is integral multiple as a which is thickness of steel.
- ②, We can meet any additional conditions within ASTM6 standard.
- ③, The distance of testing sample is 50mm.

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