



Jiangyou Hacer Technology Co., Ltd.

Steel Grade: ASTM A588 Gr.G | UNS K12040

CHEMICAL COMPOSITION

C (%)	Si (%)	Mn (%)	P (%)	S (%)	Cu (%)	V (%)	Other (%)
0.2	0.25~0.70	1.2	0.04	0.05	0.30~0.50	—	0~1.00; Ni0.80; 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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