



# Jiangyou Hacer Technology Co., Ltd.

Steel Grade: ASTM A588 Gr.B | UNS K12043

## CHEMICAL COMPOSITION

C (%)	Si (%)	Mn (%)	P (%)	S (%)	Cu (%)	V (%)	Other (%)
0.2	0.15~0.30	0.75~1.25	0.04	0.05	0.20~0.40	0.01~0.10	Cr0.40~0.70; Ni0.25~0.50

## MECHANICAL PROPERTIES

Thickness/mm	Tensile Strength   $\sigma_b$ /MPa	Yield Strength   $\sigma_s \geq$ /MPa	Expensibility   $\delta$ 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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