



## Jiangyou Hacer Technology Co., Ltd.

Steel Grade: ASTM A572 Gr.42   0.0000							
CHEMICAL COMPOSITION							
C (%)	Si (%)	Mn (%)	P (%)	S (%)	Cu (%)	V (%)	Other (%)
0.21	0.3	1.35	0.04	0.05	≥0.20	—	—
MECHANICAL PROPERTIES							
Thickness/mm	Tensile Strength   $\sigma_b$ /MPa	Yield Strength   $\sigma_s$ /MPa	Elongation   $\delta$ (%)	Cold-bend Test(180°C/L)①	Cold-bend Test(180°C/T)①		
150	415	24	②	290	—		
0	0	0	0	0	0		

### 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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