



Jiangyou Hacer Technology Co., Ltd.

| Steel Grade: ASTM A812 80 0.0000 | | | | | | | |
|------------------------------------|------------------------------------|---------------------------------------|--------------------------------|--------------------------|--------------------------|-------|------------------------|
| CHEMICAL COMPOSITION | | | | | | | |
| C (%) | Si (%) | Mn (%) | P (%) | S (%) | Cu (%) | V (%) | Other (%) |
| 0.23 | 0.15~0.50 | 1.50 | 0.04 | 0.04 | — | — | 35; N≤0.015; V+Nb0.02~ |
| 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 | | |
| Sheet | 690 | ①~13 | — | 550 | — | | |
| 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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