

 Jiangyou Hacer Technology Co., Ltd.

| Steel Grade: Corten C | | | | | | | | |
|-----------------------|----------------------------------|-----------|------------------------------------|---------|-------------------------------|---------|--------------|------------|
| CHEMICAL COMPOSITION | | | | | | | | |
| C(%) | Si(%) | Mn(%) | Cr(%) ≤ | Ni(%) ≤ | Cu(%) ≤ | Nb(%) ≤ | V(%) | Other(%) ≤ |
| 0.12~0.19 | 0.15~0.30 | 0.90~1.35 | 0.40~0.70 | 0.65 | 0.25~0.40 | — | 0.04~0.10 | — |
| MECHANICAL PROPERTIES | | | | | | | | |
| Max Thickness/mm | Yield Strength σ_s /MPa | | Tensile Strength σ_b /MPa | | Extensibility δ ①(%) | | Hardness HBS | |
| 25 | 415 | | 550 | | 21 | | - | |

Remark:

- ①, The distance of testing sample is 50mm(2in) for extensibility, please check the ② if not 50mm.
- ②, The distance of testing sample is 200mm(8in) for extensibility.
- ③, It included commodity grade of low alloy high strength in the United States and Canada.

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