

ISO 15177:2021-08 (E)

Hot-rolled twin-roll cast steel sheet of commercial quality

| Contents | | Page |
|-----------------|--|-------------|
| Foreword | | iv |
| 1 | Scope | 1 |
| 2 | Normative references | 1 |
| 3 | Terms and definitions | 1 |
| 4 | Dimensions | 2 |
| 5 | Conditions of manufacture | 2 |
| 5.1 | Steelmaking | 2 |
| 5.2 | Chemical composition | 2 |
| 5.3 | Chemical analysis | 2 |
| 5.3.1 | Heat analysis | 2 |
| 5.3.2 | Product analysis | 3 |
| 5.4 | Mechanical properties | 3 |
| 5.5 | Application | 4 |
| 5.6 | Weldability | 4 |
| 5.7 | Surface condition | 4 |
| 5.8 | Oiling | 4 |
| 5.9 | Skin passing | 4 |
| 6 | Dimensional and shape tolerances | 4 |
| 7 | Tensile test sampling | 4 |
| 8 | Tensile test | 5 |
| 9 | Retests | 5 |
| 9.1 | Machining and flaws | 5 |
| 9.2 | Elongation | 5 |
| 9.3 | Additional tests | 5 |
| 10 | Resubmission | 5 |
| 11 | Workmanship | 5 |
| 12 | Inspection and acceptance | 5 |
| 13 | Coil size | 6 |
| 14 | Marking | 6 |
| 15 | Information to be supplied by the purchaser | 6 |
| Bibliography | | 8 |