

DIN EN 10149-2:2013-12 (E)

Hot rolled flat products made of high yield strength steels for cold forming - Part 2: Technical delivery conditions for thermomechanically rolled steels

| Contents | | Page |
|-----------------------|---|-------------|
| Foreword | | 3 |
| 1 | Scope | 4 |
| 2 | Normative references | 4 |
| 3 | Terms and definitions | 4 |
| 4 | Information to be supplied by the purchaser | 4 |
| 4.1 | General | 4 |
| 4.2 | Options | 5 |
| 5 | Dimensions, mass and tolerances | 5 |
| 5.1 | Dimensions and tolerances | 5 |
| 5.2 | Mass of steel | 5 |
| 6 | Classification and designation | 5 |
| 6.1 | Classification | 5 |
| 6.2 | Designation | 5 |
| 7 | Technical requirements | 5 |
| 7.1 | Steel manufacturing process | 5 |
| 7.2 | Delivery condition | 5 |
| 7.3 | Chemical composition | 5 |
| 7.4 | Mechanical properties | 6 |
| 7.5 | Technological properties | 6 |
| 7.5.1 | Weldability | 6 |
| 7.5.2 | Formability | 6 |
| 7.6 | Surface finish | 7 |
| 7.7 | Internal soundness | 7 |
| 8 | Inspection and testing | 7 |
| 8.1 | General | 7 |
| 8.2 | Sampling | 7 |
| 8.3 | Test units | 7 |
| 8.4 | Verification of chemical composition | 7 |
| 8.5 | Preparation of samples and test pieces | 8 |
| 8.6 | Test methods | 8 |
| 8.7 | Retests and resubmission for testing | 8 |
| 8.8 | Inspection documents | 8 |
| 9 | Marking | 8 |
| 10 | Disputes | 8 |
| 11 | Options | 8 |
| Annex A (normative) | Location of test pieces | 11 |
| Annex B (informative) | Minimum inside bend radii for cold forming | 12 |
| Bibliography | | 13 |