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

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