DIN EN ISO 14341:2020-12 (E)

Welding consumables - Wire electrodes and weld deposits for gas shielded metal arc welding of non alloy and fine grain steels - Class ification (ISO 14341:2020)

Contents

Page

European foreword 3

Foreword 4

Introduction 5

1 Scope 6

2 Normative references 6

3 Terms and definitions 6

4 Classification 7

5 Symbols and requirements 7
5.1 Symbol for product/process 7
5.2 Symbol for strength and elongation of all-weld metal 8
5.3 Symbol for impact properties of all-weld metal 8
5.4 Symbol for shielding gas 9
5.5 Symbol for chemical composition of wire electrodes 9

6 Mechanical tests 13
6.1 Preheating and interpass temperatures 13
6.2 Welding conditions and pass sequence 14
6.3 Post-weld heat-treated (PWHT) condition 15

7 Chemical analysis 15

8 Rounding procedure 16

9 Retests 16

10 Technical delivery conditions 16

11 Examples of designation 16

Bibliography 19